

# Children's Newspaper

Every Wednesday—Threepence

FOUNDED BY ARTHUR MEE

No. 1698, October 6, 1951

## CAN MEN BE LANDED ON MARS?

Scientists say flight into space is possible

**F**IFTY men could be landed with safety on the planet Mars! This staggering statement is on the authority of Dr. Wernher von Braun, the young scientist who was in charge of the research station at which the Germans developed the V2 rocket during the war. He is convinced that, even with present-day fuels and materials, such an expedition is quite feasible.

### EXPLORING UNDER THE SEA

For more than 2300 years the Greek city of Helice has lain under the waters of the Gulf of Corinth, which overwhelmed it after an earthquake. Now, according to the French journal *Les Nouvelles de Grèce*, a party of French underwater explorers are to go down to its strange seaweed-covered streets.

Helice lies about half a mile from the southern coast of the Gulf. The tidal wave which engulfed it in the year 373 B.C. never receded; it altered the coastline, and this fair city, with its people, disappeared from men's sight, just as Pompeii disappeared under the ashes from Vesuvius.

Helice belonged to the Achaean League, a powerful confederation of cities in the days of the glory that was Greece. The League had a democratic form of government, and its representatives often met at Helice.

The action of the currents during hundreds of years may have worn away much of its ramparts, fine buildings, statues in sanctuaries, furniture in the houses, and other remains. But the divers may make interesting discoveries to throw more light on everyday life in the great days of ancient Greece.

### SIAMESE CATS ON SHOW

Siamese cats from all over Britain will meet next week (on October 11) at Lime Grove Hall, London, for their own special championship show.

By far the most popular breed of pedigree cat today, the Siamese was first imported into Britain in 1884; but for generations they were bred exclusively at the Royal Palace of Bangkok, and they are still known as Royal Cats.

Born almost pure white, Siamese kittens soon develop creamy bodies with a pale fawn on the back. The points—mask, ears, legs, paws, and tail—are all a rich seal brown, hence the name, Seal-pointed Siamese.

Another popular breed is the Blue-pointed type, with white body, and points of beautiful slaty blue. There is also a Chocolate-pointed Siamese, a little cat with points the colour of milk chocolate; and now "Red Points," with ears, paws, and tail a delicate shade of ginger, are appearing.

According to Dr. von Braun's calculations a journey to Mars and back would take two years and 239 days. At its nearest the planet approaches to within 36 million miles of the Earth.

Such a trip would be made in three stages. The first step would be the building of a space-station some 300 miles above the Earth.

Rockets fast enough to escape the Earth's gravitational field and fly off into space would orbit the Earth indefinitely at that height without using any more power. They would continue to circle like artificial satellites.

#### TRANSPORT ROCKETS

A number of such rockets would transport materials and supplies with which the permanent space-station could be built and manned.

This space-station would be the starting point for the second stage. Rockets used for this journey would not need to be streamlined; nor would they need much power, for they would be travelling in outer space where there is no atmosphere, and thus no resistance to motion.

In other words, once they had left the space-station and accelerated to the required speed they would continue to fly indefinitely on the same course and at the same speed without using any more power.

Near Mars this second-stage rocket would be manoeuvred to orbit the planet. The final descent would be made in another small rocket, capable of landing safely on the surface of Mars. It would also be able to take off again and return to the second-stage rocket.

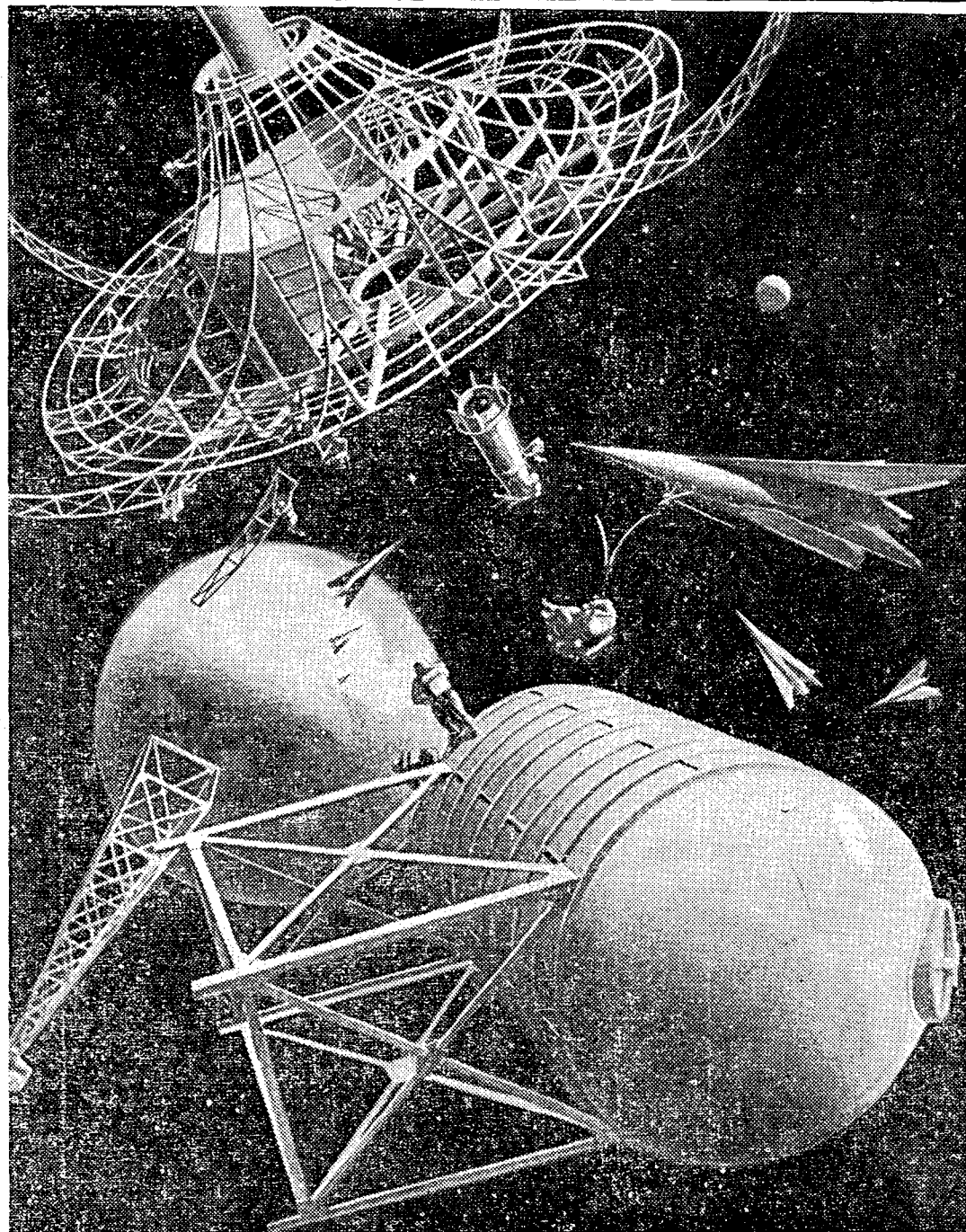
#### THE RETURN JOURNEY

Then the return journey would begin, with the explorers once more heading for the space-station. From here they would descend to the Earth again in winged rockets which could make a glide landing once they were in the lower levels of the Earth's atmosphere.

What tales those men would have to tell after an absence of nearly three years!

Astronautical experts agree, however, that such interplanetary flights are not likely to take place for at least 25 years. But the subject is taken so seriously by the United States Air Force that it has set up a department to study the effects of space-flight on human beings.

That is the chief problem which



In this picture by an imaginative artist men are seen constructing a space-station far above the Earth with the aid of transport rockets. Curved surfaces on the station will reflect solar energy to generate power. The objects below are the air-lock chamber and the radio mast, ready to be attached to the main structure.

remains unsolved — whether a man's frail frame could be effectively protected against the weird stresses and strains that would follow the tremendous shock of taking off in a rocket.

Out in the airless void of space, beyond the familiar pull of Earth's gravity, a man would have no weight and no sense of balance, no feeling of "up" and "down" and no sensation of speed. Breathing, of course, would only be possible with oxygen carried from the Earth.

But the experts are certain that, sooner or later, Man will venture out beyond the confines of this little world. And will he then be content to halt at Mars—or even within the Solar System?

The Universe will beckon.

### SCHOOLGIRL WHO MAY BE QUEEN

An eleven-year-old schoolgirl in Copenhagen is the subject of debate among statesmen and lawyers.

She is Margrethe, the eldest daughter of King Frederick IX of Denmark; and a constitutional committee is dealing with the question of whether the law of succession should be altered to enable her to succeed her father as Queen Margrethe II.

According to the present law, succession to the throne must be in the male line.

The last queen to rule Denmark was also named Margrethe. She reigned from 1387 to 1412.

### DRY LAND DIVING

A diving competition without water is to be held during Health Week at Sydney this month.

The divers, including some of Australia's champions, will leap high into the air from a spring-board mounted on a tubular steel frame; this will be set up in Martin Place in the heart of the city.

They will wear harness with guy ropes attached to enable them to descend at a moderate speed onto mats after they have won marks for a graceful take-off.

#### ON OTHER PAGES

THE COMING ELECTION	2
TRAIL OF A COMET	4
FIELD FOLK OF OCTOBER, BY THE HUT MAN	7
GREENMANTLE—PICTURE VERSION OF JOHN BUCHAN'S FAMOUS THRILLER	3
WEALTH FROM THE WATERS OF CENTRAL AFRICA	9



## AMERICAN TUG-OF-WAR OVER AID TO EUROPE

THE season for reviewing and pruning foreign economic aid has come round once more in Washington. Once again, with much exchange of vocal fireworks, the customary tussle is proceeding between the Administration (as the U.S. Government is called) and the Congress.

The Congress, representing the taxpayer, is naturally bent on cutting all unnecessary spending; it is the question of what is, or should be, regarded as *unnecessary* which is the chief cause of controversy in the United States capital.

Most of the argument centres around the huge mutual security programme. President Truman has demanded nearly £3000 million for it; but Congress wishes to cut down this amount to some £2600 million.

The point about it is that this sum is to cover both rearmament and normal peacetime requirements, and is to be split into two uneven portions. The portion for strictly military supplies—guns, munitions, and so forth—would amount to as much as four-fifths of the total; the rest would be paid out as economic aid in the form of raw materials, machinery, seeds, medical supplies, and technical assistance to European countries.

If this drastic cut in the Truman programme is made, the military aid will remain practically undiminished, but the economic aid—the last instalment of the famous Marshall Aid programme—will be considerably lessened.

### MARSHALL AID NEEDED

Critics of Congress say that cuts in Marshall Aid might lead to catastrophe; without such aid, European countries cannot possibly make the bigger rearmament effort demanded by world conditions. This was the point particularly stressed by Britain's Chancellor of the Exchequer during the recent Ottawa meeting of the North Atlantic Council.

President Truman himself has protested strongly against the suggested cuts, and leading American newspapers have been even more outspoken in their disapproval.

Perhaps the most striking comment was offered by a Washington Post cartoonist. Depicting the "economic aid programme" as the hull of a warship and the "military aid" as its superstructure, the drawing showed a Congressman firing

at the ship and shouting to terrified passengers: "Don't be alarmed; we'll just sink the bottom part."

Europe will, of course, continue to receive a great volume of American aid. But the proposed reduction is largely a reflection—and on this all political observers agree—of the 1952 electioneering

### H. M. THE KING

*IN every home throughout the British Commonwealth there is anxiety for the King in his grave illness; in every heart there is the deepest sympathy with the Queen and the Princesses and all the Royal Family.*

*At such a time there is a deep surge of emotion, reflecting the affection and loyalty of the British peoples for their King; it is an appreciation of his selfless devotion to their wellbeing.*

*As we go to press there is some lessening of anxiety, and we humbly pray that he will grow stronger with each passing hour and soon be completely restored to health.*

*Long may he reign over us!*

fever which is already gripping the political life of the United States.

Although a new President, a new House of Representatives, and one-third of the Senate will not be elected before the end of next year, the politicians all feel that they must not endorse policies which make them liable to accusations of squandering public money.

So the axe of the Congress is aimed at expenditure on foreign aid, in spite of its undeniable usefulness to the United States and to the world as a whole.

## FINE OLD CASTLE FOR THE NATION

The majestic ruins of Compton Castle in Devon have been given to the National Trust by Commander and Mrs. W. R. Gilbert, who belong to the family which first built it—in 1320.

The most famous member of the family, Sir Humphrey Gilbert, the famous navigator who colonised Newfoundland, may have strolled in the gardens of Compton Castle with his half-brother, Sir Walter Raleigh.

The Gilbert family possessed Compton Castle until 1800. It was bought back into the family by Commander Gilbert in 1930. He and his family will continue living there, but his generosity will enable us to wander round their ancient home, with its embattled

tower and portcullis entrances which are picturesque relics of medieval England.

Some 230 acres of farmland surrounding the castle are included in the gift, and the Pilgrim Trust, ever a generous preserver of our English heritage, has made a grant towards the upkeep of the property.

### BIBLE ZOO

A Biblical Zoo in Jerusalem, containing creatures mentioned in the Bible, or native to Palestine, has almost completed its collection. The Biblical verse referring to each one of the exhibits is placed on a tablet on each cage.

## The Coming Election

By the C N Press Gallery Correspondent

TWENTY months after they elected the present Parliament, the voters of Britain will go to the polls on October 25 to elect a new one. The Government found it impossible to run their full five-year course with a majority of only six over all other parties in the House of Commons.

Accordingly, Mr. Attlee, as Prime Minister, decided to recommend the King to dissolve Parliament. Peers and M.P.s meet for the last time on Thursday, October 4, the Dissolution taking place next day.

Now this country is in the throes of a strenuous campaign in which the present Labour Government (remaining in office during the election period) will defend their record and policies against attacks from the official Opposition party, the Conservatives, and from Liberals, Communists, and Independents.

At least 1300 candidates in England and Wales, Scotland, and Northern Ireland will avail themselves of the hard-won British privilege, free speech, to become M.P.s, of whom there will be 625 in the new Parliament, as in the one now being dissolved.

At the last election there were 1868. The exact number this time will not be known until nomination day, October 15—ten days before polling—when candidates must deposit £150 each with the returning officers in their divisions. If they poll less than one-eighth of the total votes cast they never see their money again.

Many deposits were forfeited at the 1950 election.

WHATEVER happens at the polls, two radical changes in the next Parliament will be inevitable. The Speaker since 1943 has been Colonel Clifton-Brown. He now retires, having achieved his main ambition of presiding over the Commons in their rebuilt chamber, occupied since last October.

When the new Parliament assembles on October 31 its first duty will be to elect a new Speaker. By tradition, retiring Speakers are elevated to the peerage.

The other change is the retirement from parliamentary life of Earl Winterston. He has been a Conservative M.P. continuously for 47 years and thereby became "father" of the Commons when the previous holder of that honorary title died some years ago.

Mr. Churchill has been in Parliament for 49 of the 51 years he has spent in political life. But the continuity of his service was broken by the two years when he was not an M.P.

There will be a wide gap in time between the retiring "father" and his successor. Mr. Attlee is a probable candidate for the honour of being the "father" of the House, though he did not enter Parliament until as late as 1922.

THE real work of the new Parliament will begin with the State opening on November 6.

## News From Everywhere

### BRAVE LAD

A 15-year-old Sea Scout, Patrol Leader George Hobbs of Pinner, has been awarded a Letter of Commendation by the Chief Scout for his courage while sailing during a gale in the Thames Estuary. Although the boat was in danger for seven hours, George showed no fear and carried out orders promptly and efficiently.

A unique type of ferry service is now running across the Amsterdam-Rhine canal at five points. The ferry cars, diesel-engined, run on rails laid on the bottom of the canal, which is eleven feet deep.

A new bridge just built over the river Stour at Flatford, in Suffolk, is similar to the one made famous by John Constable. Constructed of Burmese timber, it can take vehicles up to eight tons.

The population of Jerusalem has nearly doubled in the last two years.

### Sharing the Air

B.O.A.C. planes last year carried 196,512 people, as well as 155,000 birds, 13,000 monkeys, and 8000 other animals.

Lynda Court, aged eleven, has been acting as organist at Monkton parish church, Thanet.

Three oil storage steel drums, each 60 feet long and 16 feet in diameter, could not be transported by road or rail from Glasgow to Swansea; so arrangements were made to float them by sea as a raft, lashed to a giant cradle.

Denmark will get electricity from Sweden by means of a great new undersea cable—the biggest of its kind in the world.

The mansion of Long Calderwood, the birthplace of two famous Glasgow doctors, William and John Hunter, is to be preserved as a museum.

### COLOUR TV

New York shops are now selling the first mass-produced sets for colour television. They cost 500 dollars (£178).

Some 175,000 plants for experimental use have been grown at the John Innes Horticultural Institute in its first year at Bayfordbury, near Hertford. The institute has students from India, Ceylon, New Zealand, Sweden, Turkey, and Norway.

### OLDEST HORSE

A 54-year-old pony in Denmark is claimed to be the oldest horse in the world. She worked until she was 44, which is twice the average age of a horse.

Charles Starrett, well-known cowboy film actor, claims to have ridden over 9000 miles and worn out 41 saddles during 20 years of making cowboy films.

The International Tuberculosis Campaign, started in 1947 by the Danish Red Cross, has enabled 37 million children to be examined and 17 million to be inoculated against the disease. The U.N. International Children's Fund and the W.H.O. will now continue the work.

During the first seven months of this year nearly 99,500 emigrants went in Canada; this was 55,000 more than during the same period last year.

Societies for the blind have been formed in 26 colonies by the British Empire Society for the Blind. Teachers and organisers trained in Britain have been sent out, and many colonial languages have been adapted to Braille.

A No Smoking notice was posted at the World Tobacco Congress in Amsterdam.

### Pedal power wins

At Scarborough a pedal car driven by a ten-year-old Wolf cub raced a 6 h.p. 1904 Vauxhall car over a quarter of a mile, and won by six seconds.

At Our Dumb Friends' League Field of Rest in Sussex, five small donkeys which have been giving children rides on Bognor beach are now enjoying a holiday.

A Christmas gift food parcels for Britain scheme is again being sponsored by the Victorian Department of Agriculture of Australia. The parcels, sent to relatives and friends in Britain, will contain dried fruit, meats, dripping, honey, and cheese.

The Crystal Cat Show to be held at the Grand Hall, Olympia, on October 12 and 13, will be the largest cat show ever held in any part of the world. There will be prizes for household cats as well as pedigree cats. Profits will go to the Feline Research Fund of the Animal Health Trust.

*How bright are you?*

EVERYONE KNOWS THE FAMOUS ROLINX PENCIL BOX BUT VERY FEW PRONOUNCE IT CORRECTLY:—

❑ ROLE-IN-EX.?  
❑ ROL-IN-EX.?  
❑ ROL-INKS.?  
❑ RO-LINKS.?

THE FASCINATING SMOOTHNESS OF THE ROLL-TOP ACTION IS THE CLUE.

DON'T JUST ASK FOR A ROLL-TOP BOX—ASK FOR A

ROLINX

THE PENCIL BOX THAT'S GUARANTEED

Sole Distributors: ARTHUR RODGERS, LTD., 10, OXFORD STREET, EARLESTOWN, LANCs.



12'6

Complete with Contents.  
**A Rolinx PRODUCT**



The Children's Newspaper, October 6, 1951

## FLYING BOATS OF THE JET AGE

By the C.N. Air Correspondent

Flying boats are not yet relics of the past, for these machines may play an important part in the jet age.

In California the Consolidated Vultee firm is designing the world's first supersonic flying boats, with the already well-known swept-wing and Delta-wing features.

Nine radio-controlled models, with spans between five and ten feet and powered by midget pulse-jet engines, take the air daily, and have their performance recorded by a battery of cameras. Their weight, power, and acceleration are all true to scale.

Noteworthy features of these beautiful little machines are their long, sleek hulls, which lie low in the water for stability, and thereby avoid the need for wing-tip floats.

The wings—some of them swept back at an angle of 50 degrees to delay the onset of supersonic shock waves—are blended into the hulls to offer the least possible drag.

## GIANT GAME OF LUDO

Crowds of people at Chatham recently saw the naval game of Uckers, played on shore. This game, which dates from Nelson's time, is invariably played aboard ship and is rarely seen by those on land.

It is a kind of Ludo. At Chatham it was played on a board ten feet square with a dice shaken in a bucket. Two teams took part, each comprising two players who shook the dice, two trainers to assist the play and look after the dice, and two pushers who moved the pieces round the board.

## HER GIFT TO NIGERIA

A courageous woman of 65, Mrs. Sylvia Leith-Ross, has gone out to Nigeria to give Nigerian girls a new kind of school.

Mrs. Leith-Ross has been going to and from Nigeria for 40 years and has learned to love the Nigerian people, especially the Ibo folk in the east, who, she says, are among the most intelligent people in the world.

Now she wants to cement this long friendship with Nigeria by starting what she calls a "finishing school" for girls who have left the ordinary schools and want to become good and cultured homemakers for the able young Nigerians now rising up to govern their own country.

She is to build a school at her own expense and conduct it on the conversational method.

## STUDENTS PICK THE PLUMS

Students of many different nationalities have been taking part in this year's plum harvest in the Midlands.

In Worcestershire about 60 young people have been picking the plums, and a similar party in Herefordshire. The fruit is sent to Evesham, where more students are working in the canneries. Twenty countries are represented in all, including Poland, Israel, Persia, and America.

Language difficulties caused some problems at first, but the camp organisers were equal to the occasion, and international understanding has been helped by the impromptu language classes, which have been very popular.

## FALSE FINGER FOUND

What is believed to be the oldest artificial limb ever found has come to light during excavations at a castle on a Danish island.

It is an artificial finger made of bronze, soldered with silver, and provided with ball joints. The delicate work of its small fittings makes it quite a work of art; the craftsman who made it even gave it wrinkles and an engraved nail.

It has never been firmly established when artificial limbs were first used, but this finger must be some 400 years old.

## FISH FOR AFRICANS

A small trawler of 237 tons recently nosed down the Thames from her moorings at London Bridge on her maiden voyage to West Africa.

She is the Cape St. Mary and will be the first ship to fish scientifically in West African waters. She has room for 30 tons of fish in her refrigerators, but not all the fish will find its way to market; for she carries a miniature laboratory in which experts will make a close study of the fish, and so help the fishermen of the African coast to obtain the best food supplies.

The Cape St. Mary has a powerful electric trawl which can take fish from the sea-bottom, middle-depth, and on the surface.

## BACK TO THE TUDORS

Methods employed by 16th-century bricklayers were used when some of the Tudor chimneys at Hampton Court Palace were restored recently. So that each brick fitted flush with the next one it was cut with a specially made "form." These famous brick chimneys are all different in design.



## Ballet for Canada

David Gill and Maurice Metliss, members of the Sadler's Wells Ballet Company, rehearsing a scene in Chinese costume. They are to tour Canada and the United States.

## NEVER TOO OLD

Thomas Holliday had never danced in his life until he went to Folkestone for his health. Since then he has not only learned to dance, but has gained several of the highest honours for amateur dancing, the latest being the gold medal of the International Dancing Masters' Association. Mr. Holliday is 77!

Mr. Samuel Falls recently gained a first and four seconds for recitations at public competitions held in Auckland, New Zealand. He began reciting in competitions just five years ago. He is 80!

## 15-YEAR-TASK AT YORK

The imposing west front of York Minster is to remain hidden from view for at least 15 years. As part of a great £150,000 restoration scheme it is now being encased in a forest of scaffolding, which will rise to a height of 220 feet, and remain until the work is completed.

## DISTRICT NURSING ON VIEW

Many people have cause to bless that untiring and cheerful friend of the family, the District Nurse, and they will be interested in an exhibition dealing with District Nursing in London; it will be open from October 23 to 26, at the Burroughs Wellescome Foundation, 183 Euston Road, N.W.1.

The exhibition will illustrate the training and the life of a district nurse, and will show how patients are treated in their own homes. Visitors will be shown round by fully-qualified district nurses, and it is hoped that parties of hospital nurses and schoolchildren will attend.

Admission for individuals will be by ticket, obtainable from the Secretary-Accountant, Central Council for District Nursing in London, 25 Cockspur Street, S.W.1.

## YOU CAN HELP

Every ton of waste paper sent to the mills for repulping means enough plasterboard for the ceilings of 12 houses. Here is your opportunity to help in the housing drive.

## ENGINE-DRIVER AND HISTORIAN

The honorary degree of doctor of laws of Alberta University has been conferred on Frederick Gilbert Roe, a Sheffield man who went to Canada at the age of eleven, and after several years' work on a farm and as an engine-cleaner, drove trains from 1918 until he retired in 1943.

It was not for this, however, that he was honoured. Entirely self-taught, he has made a life-study of various aspects of West Canada's history, and is recognised as an authority.

Many of Gilbert Roe's articles have appeared in Canadian historical journals, and the University of Toronto is shortly to publish his first book, a work on the North American buffalo.

## BOOKS FOR PEACE

The Children and Young People's Library in New York is one of the biggest in the world; it is divided into 65 sections where young New Yorkers can see what the youth of other lands find amusing and instructive.

Miss Margaret Scroggin, who directs the library, is a great believer in books as a means of spreading good will among the children of the nations. She thinks that if children everywhere read the same sort of books, they would come to think in the same way. She has made many journeys to study child life in other lands.

# OPPORTUNITY

*for boys who mean to get on!*

If you are over 14½ and under 16½ here is a fine opportunity. For three years you can join the Army's technical college for craftsmen—and your training won't cost you or your parents a single penny. You'll live, work and compete in sports with boys of your own age. You'll be well fed, well clothed, well cared for and paid while you



learn to handle modern tools and equipment with skill and precision. When your training's complete you'll join one of the Army's crack Technical Corps—with a flying start for promotion to Warrant Officer or beyond. Act NOW. Send the coupon To-day for Free Booklet and date of the next Entry Exam. (It's non-technical and not too formidable!)

**Send this coupon** Entries for the next Examination must be in by November 1st

Post to whichever of these addresses is nearest to you, or to War Office, A.G.10, London. Commandant, ARMY APPRENTICES' SCHOOL · Arborfield, Berks  
Commandant, ARMY APPRENTICES' SCHOOL · Chepstow, Mon  
Commandant, ARMY APPRENTICES' SCHOOL · Harrogate, Yorks  
Commandant, ARMY CATERING CORPS CENTRE · Aldershot, Hants

Please send me details of Army Apprentice School training and conditions of entry

NAME ..... Date of Birth .....

ADDRESS .....

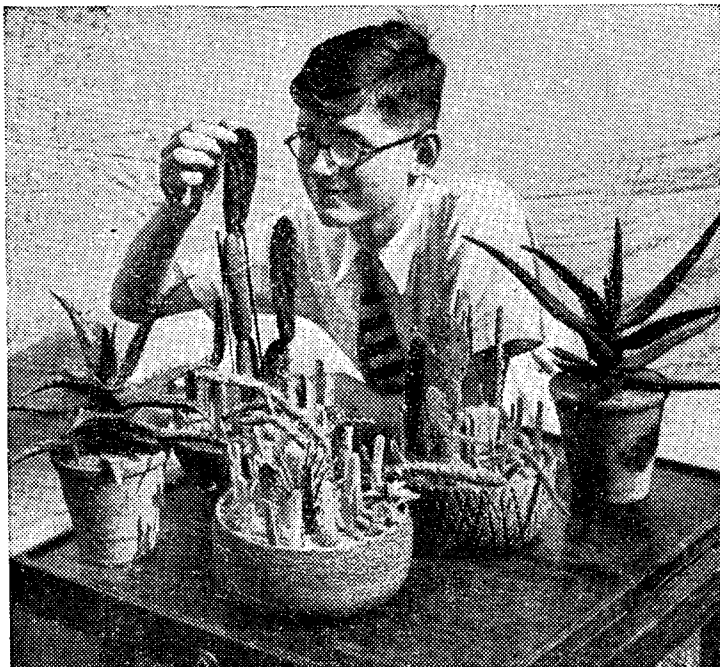
A.10

## DUCK WITHOUT FEATHERS

Hundreds of thousands of blooms were used in the recent parade of the flowers in Amsterdam. This huge duck, with flowers instead of feathers, was one of the most strikingly-decorated cars in the parade.







### Hobby with many good points

Young Richard Hale, of Winchmore Hill, London, is an enthusiastic cactus grower, and has already formed a fine collection of about 150 plants.

### AIRBORNE LILY

A small African water-lily known as the Pigmy has flowered for the first time in England.

This lily was found years ago in Northern Rhodesia, but because of transport difficulties living specimens always died before reaching this country. Now plants have been flown here and the small star-like flowers have come out.

*Please, I want Cadburys!*



He wants Cadburys Milk Chocolate, and he's right.

It's the milk chocolate with the lovely creamy taste. And Cadburys make bars at the price a boy can pay. No wonder people are always saying 'Please, I want Cadburys!'



### GLIDING EIGHT MILES ABOVE THE EARTH

Exploiting new discoveries in soaring methods, American glider pilots at Bishop, California, are regularly riding the air up to heights of seven or eight miles.

Passengers who care to do so can, on payment of a fee, go joy-riding with them and qualify for a special lapel badge award. The badge is circular in shape and dark blue in colour. On it are superimposed one, two, or three lenticular clouds—the same type of cloud that tops the standing wave in which the gliders soar.

A flight to 25,000 feet, even as a passenger, merits a badge with one cloud. The badge has two clouds for exceeding 35,000 feet, and three clouds for rising higher than 40,000 feet.

One deterrent to this form of sport ever becoming popular is its cost. A "two-cloud badge" flight costs something like 1000 dollars (nearly £350), which is a high price to pay for admission to this exclusive club. Most visitors are content with an hour's flying for a fee of 25 dollars at a much more modest altitude.

Glider pilots believe that with the right type of equipment, including a pressure cabin, they could rise higher than the present aircraft or balloon altitude record, possibly to more than 100,000 feet.

### HOUSES FROM STRAW

A factory near Oslo, Norway, is now producing building boards from straw. The straw is subjected to heavy pressure and heat treatment, and 20 men and two machines working two shifts a day can produce sufficient boards to equip two double-storey houses a week.

Use of these boards means a great saving of timber; and also of fuel, because of their fine insulating properties. Houses into which they are built are said to need 40 per cent less fuel than those in which timber is used.

## TRAIL OF A COMET

By the C.N. Astronomer

It may be possible to see next week some fragments of a comet that last visited our skies in 1946.

This celestial visitor, known as Comet Giacobini-Zinner (or more generally as Giacobini's Comet) is expected to return to the neighbourhood of the Earth's orbit early in 1953 from the region of the great planet Jupiter.

The Earth crosses the orbit of this comet about October 9, next week, so it is possible that some of the cometary fragments may be observed as meteors. The nights of October 8 and 9 are the most likely, for then conditions should be most favourable.

The meteors will come from a little way to the west or north-west of overhead point, according to the time of observation. They may be looked for as soon as the sky becomes dark.

The broken circle in our star-map shows the region in the constellation of Draco from which the meteors seem to come.

The display depends very much upon whether the Earth crosses the path of the main stream of meteors during the hours of darkness, when they can be seen. If it occurs during daylight the meteors will, of course, not be perceptible.

However, they may be traced, if they arrive, by radar, which records the meteors' presence by means of the "echoes" from the meteors' incandescence and the ionisation. The position of the radiant point being known beforehand, the radar beam can be directed to cover the paths which

the incandescent meteors are likely to follow.

It is the trail of incandescent ionised gases which follow momentarily in the wake of the meteor that produce the radar echoes. These trails can often be seen in night displays, and in the case of large meteors will persist for several seconds.

Radar is also very useful as an aid in night observations, since neither clouds nor moonlight affect the passage of the echoes. Of course, a meteor's presence is not detected, any more than it is seen, until it enters the Earth's atmosphere and becomes incandescent, usually at a height of about 70 miles.

The vanishing point of a meteor depends upon its size and the speed at which it is travelling. Usually they vanish at a height of between 30 and 40 miles, though a few large specimens occasionally reach the ground, when they are called meteorites.

In 1933 as many as 400 meteors a minute were seen speeding across the sky. Then the Earth was only some 500,000 miles from the orbit of the Comet Giacobini and therefore near the centre of the stream of meteors which followed the comet.

These swarms of meteoric particles, product of the comet's gradual disintegration, travel with great speed, amounting in some cases to about 40 miles a second. They are eventually dispersed in space, and drawn by gravitational attraction into the Sun or to some planet which may happen to pass near them.

G. F. M.

### JEWELS OF THE JUTES

An ancient Jutish cemetery, over 1300 years old, was recently discovered on the Buckland Valley Estate, near Dover, when a bulldozer unearthed bones. The site was then dug carefully by hand, and three richly-ornamented Saxon swords were found beside the skeletons of their owners.

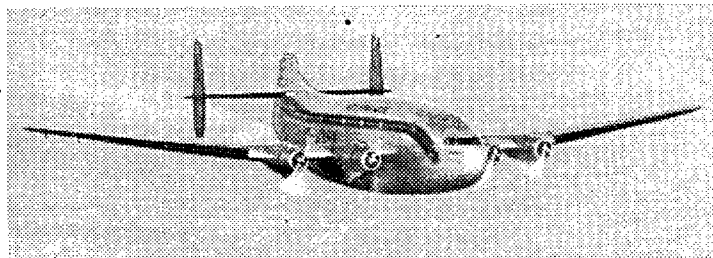
On the breasts of two other skeletons were two large round brooches, both set with cut garnets. One is silver-gilt—the

other bronze with gold settings for the stones. Experts state that they were made in the 6th or 7th century A.D. A lady's silver finger ring was on one hand.

Other finds include coins, pottery, a knife, a shield boss, and a spearhead of the period.

Mr. F. L. Warner, Curator of the Dover Museum, believes the site may prove to be the richest excavated in Britain for many years.

### NEW PLANES FOR THE WORLD'S AIRWAYS



24. The Breguet Deux-Ponts

A super-heavyweight transport plane due for service with Air France is the giant Breguet Deux-Ponts. It has a spacious double-deck fuselage capable of accommodating either 106 passengers or a 15-ton freight load. Fifteen are under construction.

Difficulties in loading the 30-foot-high "two storey" fuselage are overcome by the use of no fewer

than five built-in mechanical hoists and two travelling cranes.

The airliner version seats 59 passengers in exceptional comfort on the 1st-class upper deck, and 47 on the 2nd-class lower deck.

Four 2400 h.p. Pratt & Whitney radials power the Deux-Ponts and give it a cruising speed of 224 m.p.h. at 9800 feet. It has a range of 1300 miles. Span is 140 feet 10 inches; length 94 feet 11 inches.

## HOW LIVERPOOL GOT ITS LIVER BIRD

In 1207 King John conferred on Liverpool the dignity of a borough, and the parchment of the Royal Letters Patent was on view at a recent exhibition in St. George's Hall.

From the vellum the original seal is missing, and that missing fragment recalls the strange story of the famous Liver Bird, which is now on the city's coat of arms.

The original seal stamped on the charter bore the figure of an eagle, emblem of St. John, and a sprig of broom, emblem of the Plantagenets. This seal on the charter has long since disappeared, and during Prince Rupert's siege of Liverpool in 1644 the original corporation seal—that is, the actual sealing instrument—was also lost.

A replica of this instrument was ordered, but the craftsman made a poor job of it. He drew, not an eagle, but a bird known in heraldry as a cormorant, though it is now famous as the Liver Bird.

The sprig of broom was missing, too, but rather naturally, in view of Liverpool's position on the coast, the artist placed a piece of seaweed called laver in the bird's beak. He evidently did not understand that the original bird was an eagle.

But eventually the original sealing instrument turned up as mysteriously as it had disappeared years before. Liverpool now had two seals, and it was decided that the counterfeit seal should be destroyed. So on August 28, 1743, the seal was solemnly burned.

Imagine the horror of the civic dignitaries when it was discovered that by some mischance the seal which had been burned was not the imitation one at all, but the original, with its eagle and sprig of broom.

And that is how Liverpool kept its Liver Bird.

### ORCHESTRA AFLOAT

One of the highlights of the recent Edinburgh Festival was the visit of the New York Philharmonic Symphony Orchestra. It was their first visit to Britain, and it was so successful that already they are contemplating a tour of Europe next year—a sea tour.

The orchestra would charter a liner and live afloat most of the time. The rest of the ship's accommodation would be available for music-loving passengers.

### PENNY CONCERTS

A children's concert at which any seat is a penny should be popular, and the first of a series of them—with ballet—is to be given at 11.30 on Saturday morning, October 6, in a hall at Coram's Fields Playground, Guilford Street, London. Further concerts will be given at the same hour on November 3, December 1, January 19, February 16, and March 15.

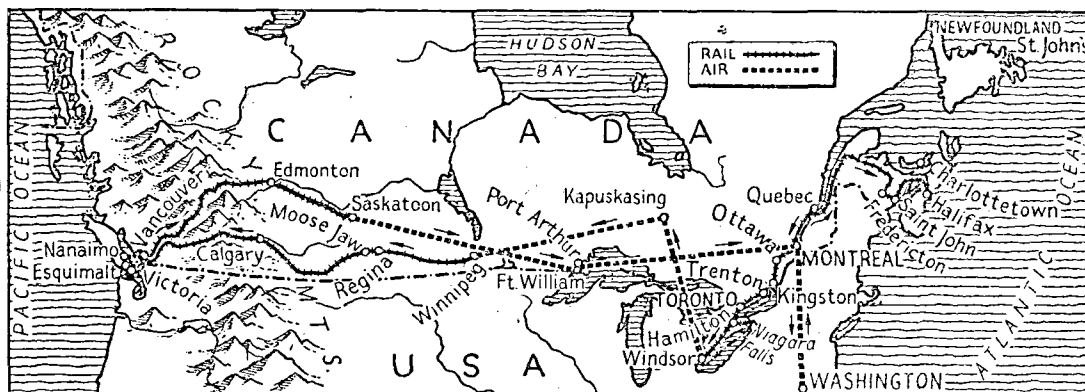




# The Royal Tour in Canada's Broad Domain



H.R.H. Princess Elizabeth



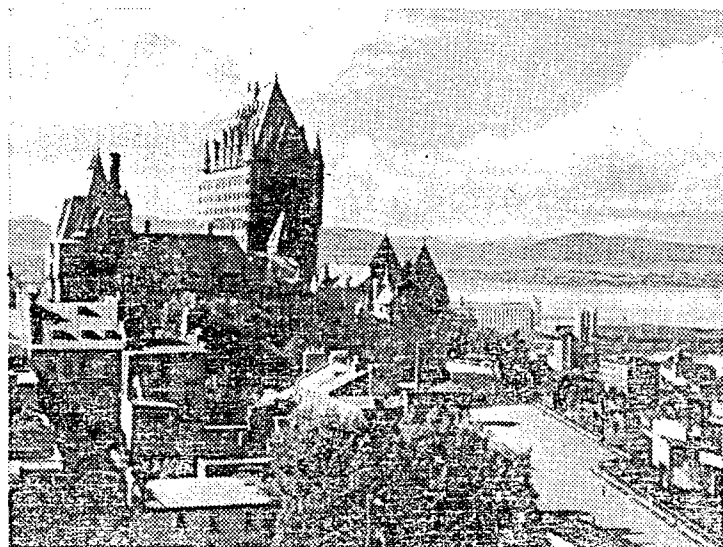
H.R.H. the Duke of Edinburgh

Our map shows the principal places along the route of the royal progress between the Atlantic and the Pacific. Our pictures show scenes in some of the cities which will greet the Royal visitors.

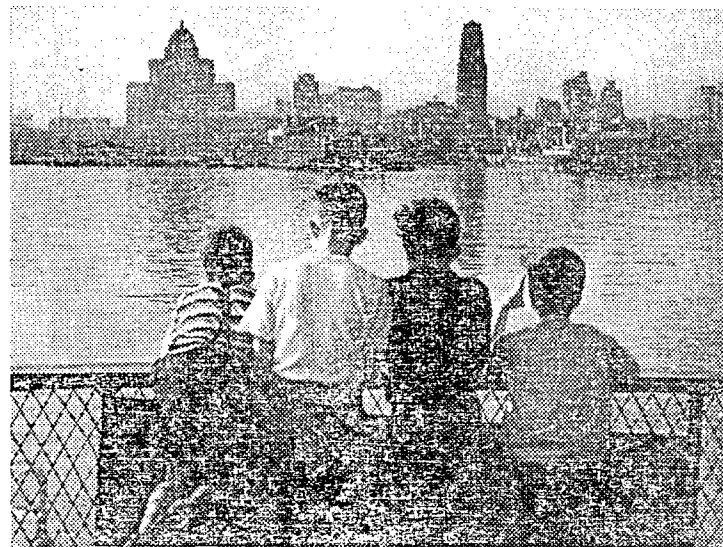
## Hail, Canada !

This week we all salute Canada, the mighty land of illimitable resources, and of boundless hopes and possibilities.

The great Dominion of the New World has flourished on the ideas of freedom transplanted from the Old World, particularly from Britain and France. But to Canadians themselves belongs all the credit for their country's majestic strides in the first half of this century. They believed in Canada, and their faith has won for them a leading place among the free peoples of the world.



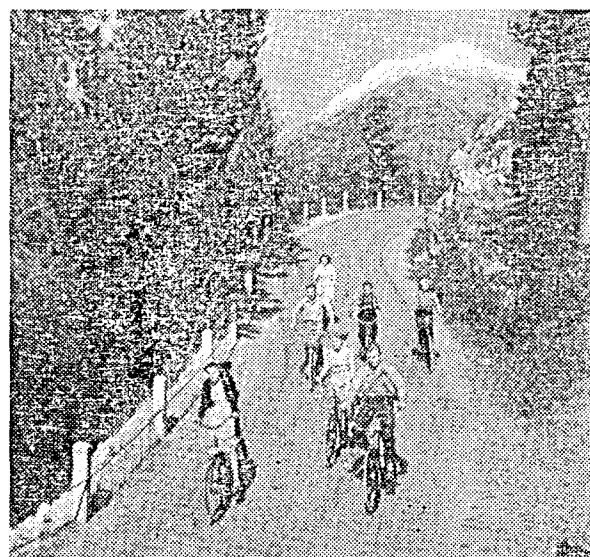
Quebec, the old French city on the River St. Lawrence



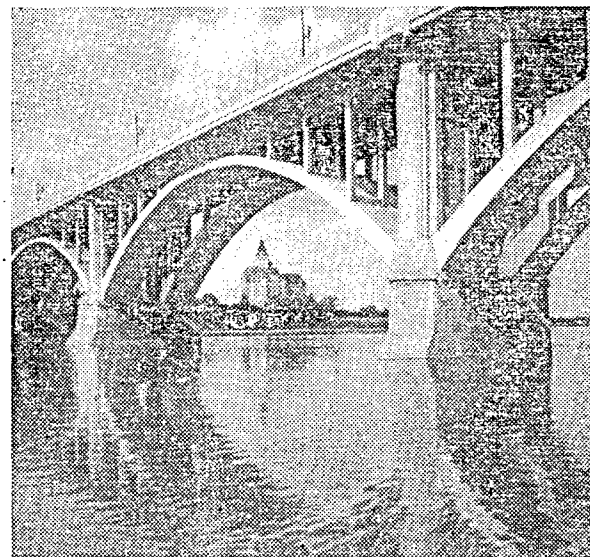
Toronto's skyline as seen from a ferry-boat approaching the city



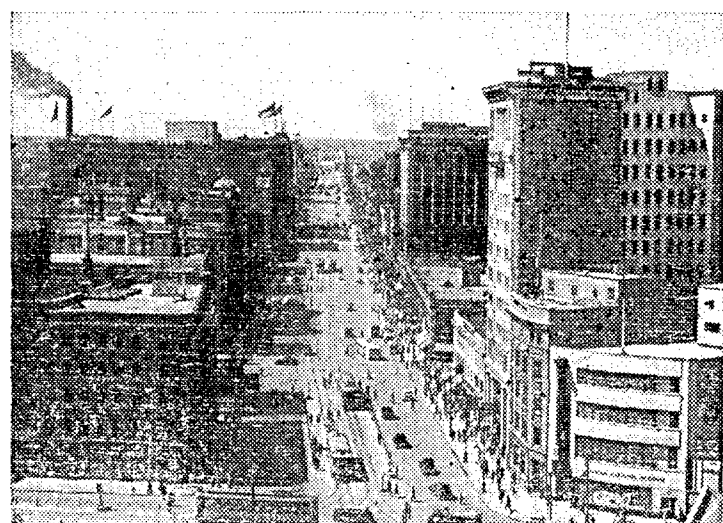
Beyond this lake is the Legislative Building of Regina, capital of the Province of Saskatchewan



These young Canadians are coasting down a mountain road near Banff, amid the majestic scenery of the Rockies



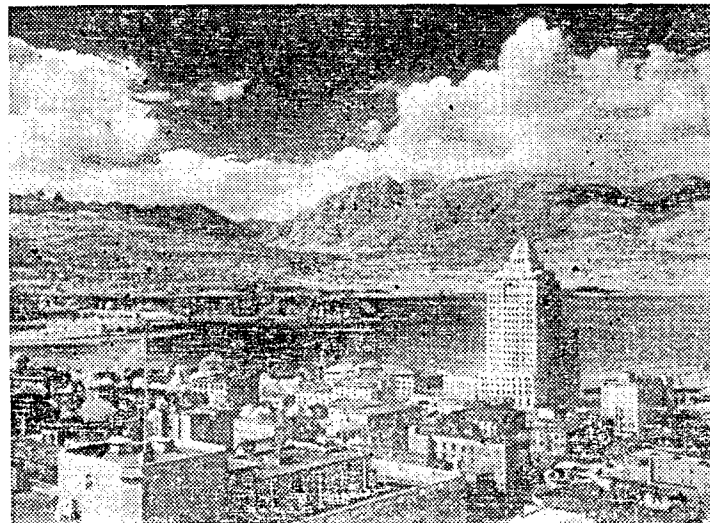
This fine bridge spans the South Saskatchewan River at Saskatoon, one of the prairie cities



Winnipeg, gateway to the West



Parliament Buildings, Ottawa



Vancouver, the Pacific metropolis



# Children's Newspaper

John Carpenter House  
Whitefriars · London · EC4

OCTOBER 6. 1951

## PROUD LAND OF THE MAPLE LEAF

IN days of yore, from Britain's shore,  
Wolfe the dauntless hero came,  
And planted firm Britannia's flag  
On Canada's fair domain.  
Here may it wave, our boast, our pride,  
And, joined in love together,  
The Thistle, Shamrock, Rose  
entwine  
The Maple Leaf forever!

At Queenston Heights and  
Lundy's Lane,  
Our brave fathers, side by side,  
For freedom, homes, and loved ones dear,  
Firmly stood and nobly died;  
And those dear rights which they maintained,  
We swear to yield them never!  
Our watchword ever more shall be,  
The Maple Leaf forever!

On merry England's far-famed land  
May kind Heaven sweetly smile;  
God bless Old Scotland ever more,  
And Ireland's emerald isle!  
Then swell the song, both loud and long,  
Till rocks and forest quiver,  
God save our King and Heaven bless  
The Maple Leaf forever!

The Maple Leaf, our emblem dear,  
The Maple Leaf forever!  
God save our King, and Heaven bless  
The Maple Leaf forever.  
Canada's National Song, by  
Alexander Muir (1830-1906)

## The Editor's Table

### HUMANITY FIRST

A NOBLE sacrifice has been made by the Danish Serum Institute, where Dr. Knut Eldon has discovered a new method of swiftly determining blood types for blood transfusions.

Before a blood transfusion can be given, the blood group of the patient must be ascertained; but when several people are injured in a disaster it is often difficult to do this in time.

Dr. Eldon's method is a card marked off in squares, each square bearing a re-agent for a particular blood group. With its aid a patient's blood-group can be found in a matter of seconds.

Had this discovery been patented, it would have brought new funds to the Institute from all over the world. But the directors have announced that they will allow the method to be used freely in the interests of humanity.

### The right kind of toys

AN expensive toy which does not call for the child's initiative, imagination, or experiment is often wasted, says a Ministry of Health booklet—Play with a Purpose (Stationery Office, 1s.).

The simplest of toys are often the most attractive to the very young child. As the booklet states, children at the day nurseries delight in making experiments of their own with materials like sand, bricks, old tyres and tins, pebbles and dried beans.

The best kind of toy is not the one which costs most; it is the one which most helps a child to use its hands, to develop its talents, and—perhaps most important of all—to give play to its imagination.

### To thine own self be true

IMITATION is said to be the sincerest form of flattery, but the person who attempts to model himself entirely on someone else is generally a poor imitation. Better advice is to Be Yourself; or, as Shakespeare said, To thine own self be true.

But what is good advice for people is equally good advice for nations, as the Lord Mayor of London recently pointed out to an American audience.

"The way in which your mighty Republic and our Royal Commonwealth can best serve the advance of civilisation," he said, "is not by imitating one another, but rather by developing to the utmost the special qualities that are native to us. The only resolution should be that we will always watch one another, and think the best of one another."

### Treble trouble



These three tiger cubs, born recently at the London Zoo, enjoy a frolic with their collie foster-mother.

### Thanksgiving for the Harvest

THIS month, in hundreds of parish churches all over Britain, 40,000 members of the Young Farmers' Clubs will take part in their annual Harvest Thanksgiving Festival.

Carrying loaves, sheaves of corn, fruit, and flowers some of the Young Farmers in white smocks will walk into the chancel of their parish church and thank God for the various fruits of the earth.

They will be followed, perhaps, by a schoolboy tractor-driver, who will lead the congregation in thanksgiving for "the blessing of seed and soil . . . for the mist of autumn mornings and the keen freshness of an English day . . . for the hum of the thresher . . . for the calm of a harvested field."

Thanksgiving for the harvest has been made from time immemorial; but the first Harvest Festival Service in this country appears to date from 1843. It was introduced by Parson Hawker in his little Cornish church at Morwenstow.

Robert Stephen Hawker was an eccentric person, but he possessed a rare love and understanding of his fellow creatures.

We who now give thanks that all is safely gathered in do well to remember Parson Hawker.

### JOINT v. VEG

EAT More Beef would seem a queer butcher's slogan to us; but the butchers of Denmark are using it, and this is because, although meat is plentiful there, people have been passing the well-stocked shops with averted eyes. They are under the influence of a Danish doctor, Karl Lundberg, whose popular books on dieting have caused people to eat more vegetables.

Now the butchers are retaliating. They have set up recording apparatus in their shops to extol the virtues of meat. "The nation's welfare is at stake" (which is not a pun in Danish) blare the loud-speakers, "We must eat richer food so that we can work harder and reduce the national debt."

The greengrocers are now said to be preparing a counter-offensive.

### Down but not Out

HELPING others to enjoy something in which we ourselves cannot share calls for the high degree of selflessness shown by Richard Hay of Coventry, who has been awarded the Scouts' Cornwell Certificate.

When he was 16 he was forced by illness to stay in bed for months. But he continued to lead his patrol, cheerfully instructing them, and planning their camping, hikes, and other outdoor activities—fun in which he cannot join.

The other patrol leaders meet in his bedroom so that he can take part in arranging the troops' work.

His parish priest says of Richard: "He has shown outstanding loyalty to the Scout Movement." It need not fear decline while there are lads of his mettle in it."

### JUST AN IDEA

As George Eliot wrote: What do we live for if it is not to make life less difficult for each other?

### THINGS SAID

OURS is not a bad old country. Despite austerity, it is a blessed land with its free institutions and free press. Our idealism still evokes the admiration of the world.

*The Chaplain of the Fleet*

A NATION without a conscience is a nation without a soul. A nation without a soul is a nation that cannot live. *Mr. Churchill*

THE Lady Mayoress moves sedately in the background of the great ceremonies, making polite conversation to the second best dignitary present while her husband marches in pomp like a civic Solomon. *Lady Lowson, speaking in New York*

LONDON'S streets show a bewildering and unco-ordinated series of articles of "street furniture," ranging from lamp standards to litter baskets. Our modern street furniture is street clutter, and no one seems capable of restoring order out of chaos. *Lord Latham*

### Trees for streets

LORD LATHAM'S comments about "street furniture" (quoted above) remind us that trees—small trees—are the best adornment of a street. Mr. Anthony Minoprio, of the Crawley Development Corporation, thinks so, too.

"Our streets are where we need more beauty," he said recently, "and every town should have its own tree-planting scheme . . . The possibilities are as endless as they are exciting."

Trees and gardens bring a touch of the countryside to town. In the words of the poet Alice Neal:

*Their shade is doubly grateful  
when it lies  
Above the glare which stifling  
walls throw back;  
Through quivering leaves we see  
the soft blue skies,  
Then happier tread the dull, un-  
varied track.*

### THE BEST REWARD

Praise is well, compliment is well, but affection is the final and most precious reward that any man can win. *Mark Twain*

## Under the Editor's Table

PETER PUCK  
WANTS TO  
KNOW

If all tourist  
agencies are go-  
ing concerns

A man ought to get a kick out of his work, someone says. Especially if he is a bad workman.

A lady says she has been sitting on committees nearly all her life. Wonder if they ever retaliate.

Some people are always willing to lend a hand. It is their right.

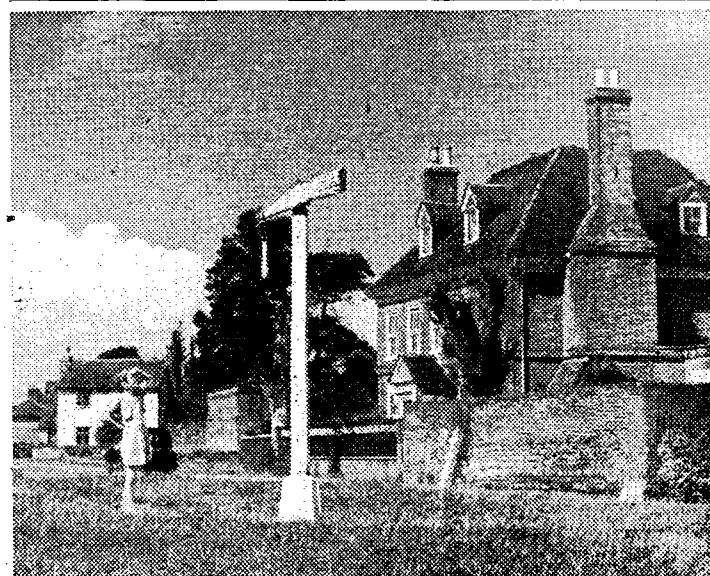
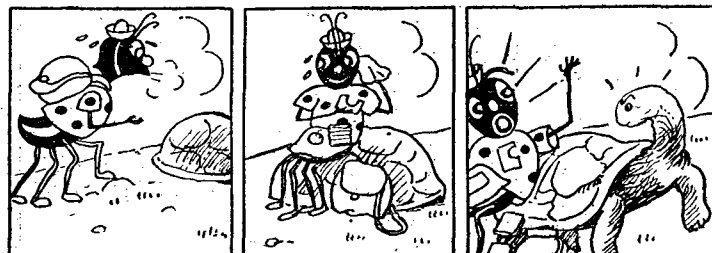
If you want to be slim you must watch your diet. Instead of eating it.



It is remarkable what grows in the London atmosphere. Look how London itself has grown.

Some people like to let themselves go. Their hosts are sometimes glad when they do.

BILLY BEETLE



OUR HOMELAND

The Quintain on the green at Offham, Kent.



# FIELD FOLK OF OCTOBER

By the Hut Man

SOUTH of the Border the word "dyke" means a ditch or small waterway; in Scotland it is the name given to low walls of rough stone built without mortar—the "dry stane dykes" that straggle over hillsides, moors, and commons.

These old dykes were built by Man for his own use, but they are constantly used by many small wild creatures who find shelter and safe, secluded, passage-ways in the



A Weasel slips out from its lair

winding corridors between the moss and lichen-covered stones. The Weasel is a continual frequenter of these ancient passages, his small, lithe body and short legs enabling him to slip through the narrow chinks and crannies in pursuit of field-mice, voles, and shrews.

Like his larger cousin the Stoat, the Weasel is a hunter born and bred, but though he occasionally tackles a rabbit, and can master a large rat, his usual prey are the smaller creatures of the countryside. Though a skilful and fierce little hunter, the Weasel has not the bloodthirsty reputation of the Stoat; he kills only to satisfy his hunger and seldom, if ever, for the sheer joy of killing.

In spring or early summer the mother Weasel prepares a comfortable nursery in some bank burrow, hollow tree, or perhaps in a cavity of the dyke, and here her five young ones are born; but the nursery site may be changed several times, the anxious mother carrying her family to new quarters should she feel that the safety of her nest has been threatened.

IN October we can keep a confident look-out for the Redwing, the smallest of our thrushes, which has now arrived from its Scandinavian home to spend the



Redwing (top) and Fieldfare

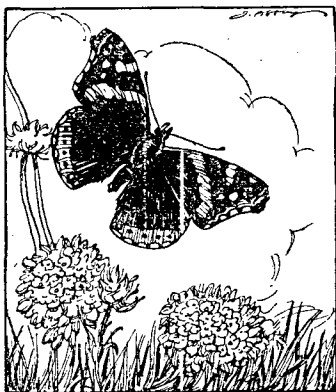
winter in our milder climate. In appearance it is very similar to our Song-thrush, but differs in the pale, buffish-white stripe at the eye and the chestnut-red flanks which show clearly when the bird takes to wing.

Redwings, too, are usually seen in flocks, feeding in open fields or among the fallen leaves in woodlands where they search for worms, snails, beetles, and the larvae of many insects. These flocks sometimes contain numbers of our other wintering thrush visitor, the Fieldfare, a much larger bird than the Redwing, with easily identified grey head and neck, and dark, almost black tail.

Both Fieldfare and Redwing may be seen visiting hedges to feed on berries of hawthorn, rowan, holly, and yew, but the Redwing is less vegetarian in its tastes, which causes many to die when winter brings heavy, prolonged snow, covering the ground and cutting off the supply of worms and hibernating insects.

MOST of our butterflies are now sleeping, either as winged adults hidden away in sheltered corners, or as pupae in the crannies of bark and rocks, or underneath the turf. The lovely Red Admiral is still on the wing, however, and may be seen during any sunshiny October day, and even well into November.

This striking butterfly is quickly identified by the bright scarlet wing-bands that border the vivid



The Red Admiral

black-and-white tips of the forewings, but it may also be named correctly by its strong, purposeful flight. Unlike the seemingly aimless fluttering of most of our butterflies, the Red Admiral goes from flower to flower with steady, definite wing beats, gliding every now and then with wings held motionless.

This butterfly is one of our interesting migrant insects, numbers arriving in this country from farther south in the spring or early summer. These visitors lay their eggs on the leaves of young nettles, and it is from their eggs hatch the caterpillars which later become the beautiful Red Admiral butterflies we see visiting the autumn flowers.

**Your C N?**  
Ask your newsagent to reserve a copy for you each week, and so save disappointment.

## Television in the classroom

Lessons by television should be exciting, and there is little doubt that before long many of us will be going to the TV classroom in our schools.

A committee has been formed to study this use of television, and certain schools are to be chosen at once for experiments. On screens in their classrooms, boys and girls will see and hear TV transmissions which will not be made to the rest of the country. These trial "private" teaching programmes will be carried by landlines.

The experiment is to be carried on for several weeks, and if it produces good results, the BBC and the School Broadcasting Council will provide a daily television service for schools throughout the country.

The council rightly insist, however, that the TV broadcasts must be equal in quality to the present sound broadcasting to schools. This, the most expensive of the BBC's sound programmes, was used regularly last year by 22,182 schools.

School sound broadcasts last year took up seven per cent of Home programme time, more than the Children's Hour, which took five per cent, or than religion and dance music, each four per cent, or than outside broadcasts, two per cent.

Most teachers and pupils will look forward to the days of television in the classroom. The blackboard of the future will be a TV screen.

## GREEK COLONY FOUND

The site of the first Greek settlement in Cyrenaica has recently been found by the Department of Cyrenaican Antiquities, largely as a result of aerial photography. This is Aziris, at Wadi el Khalig, 30 miles east of Derna.

The historian Herodotus relates how a number of Dorians went to Libya, on the advice of the Oracle at Delphi, to engage in sheep farming. Guided by a Cretan, they arrived first on a rocky island off Tobruk, but this was so unattractive that on their return they complained to the Oracle. They were told that they had gone to the wrong place.

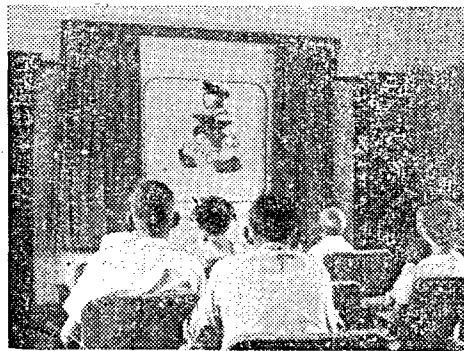
On their second venture they arrived at the site which has recently been found, and there they settled for six years, before progressing westwards. The Greek colony lasted nearly a thousand years, and olive trees they planted are still to be found.

## ANGLING IS AN ANCIENT SPORT

Fishing with a line and baited hook is one of the oldest pastimes in the world. Many books have been written about it, and it has been held that it was an Englishman who wrote the first one. This was The Boke of St. Albans, written in the 15th century.

But the Director of the Zoological Survey of India has announced his discovery of a treatise on angling written in the 12th century by a king named Somesvara.

## HOME CINEMA FOR TWELVE



eager to visit the little theatre.

Among the films shown are such favourites as Beau Geste, King Solomon's Mines, and the ever-popular Donald Duck. In addition many cine-films are offered for exhibition by people who have visited the Game Reserve, Victoria Falls, Zimbabwe, and other interesting spots. During the interval lemonade and cakes are handed round and the young patrons are told how the 16 m.m. projector works.

Mr. R. Francis, a Transvaal schoolteacher and a pioneer of visual education in South Africa, has built a cinema capable of seating 12 children in an annexe to his home at Benoni. He was encouraged to make this interesting experiment because of the popularity of school films on the Rand.

No payment is made for admission. The guests come in rotation, 12 children from one street, and then 12 from another. Often Mr. Francis has three shows in a weekend, but there is always a waiting list of boys and girls

Sometimes Mr. Francis has films to show dealing with social questions, such as child psychology and health. Adults are invited to these, and a discussion follows.

Benoni people are naturally proud of their tiny cinema, and are full of praise for the fine work Mr. Francis is doing, but he says: "It is only a hobby of mine. I like showing films as much as children like seeing them."

## FATHER OF THE MODERN CIRCUS

The man who founded the circus as we know it today, Philip Astley, has been commemorated by the unveiling of a plaque on the site of his first circus. This once stood at what is now 225 Westminster Bridge Road, London.

The plaque bears the inscription: Astley's Amphitheatre, opened in 1770 by Philip Astley. From this point the circus spread throughout the world.

Philip Astley was brought up to be a cabinet-maker at Newcastle-under-Lyme, but he was a born horseman, and when he was 17 he joined the cavalry. He soon showed his genius for rough riding and training unbroken horses.

After distinguishing himself in battle, Astley left the Army and began to give exhibitions of horsemanship at country fairs and markets. Then he built a wooden amphitheatre near Westminster Bridge. It had sheltered seats but a ring open to the sky, where he and other trained performers gave their displays.

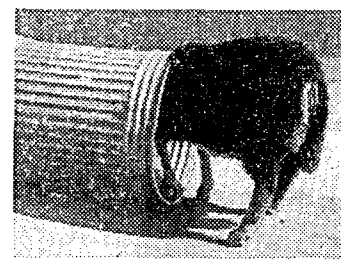
Philip Astley was a quick-tempered person, but the soul of fair-dealing, and his circus folk loved him.

His London circus became very popular and he opened others in Dublin and Paris. Altogether he started 19 circuses for displays of horsemanship. He died in Paris in 1814.

## I WONDER WHAT'S IN THERE?



A boy and a jet plane



A sheep and a bin



A girl and a barrel



## VET IN FIVE CONTINENTS

Dr. Nels Konerup, an American veterinary surgeon, can claim the distinction of having plied his profession in five continents.

A graduate of Washington State College, Nels Konerup first spent four years doctoring dairy herds on the American plains.

After the war he joined the staff of Unrra and travelled as "resident doctor" with the livestock which was shipped to Europe to replace herds destroyed during the war.

A later Unrra project took him to the Yangtze Valley in China, where he first met the deadly rinderpest which annually kills more than a million of the world's cattle.

When he joined the Food and Agricultural Organisation early this year his first assignment was the control of foot-and-mouth disease in the South American State of Colombia.

Now he has arrived in Ethiopia (Abyssinia) to join another F.A.O. team working on a rinderpest control campaign programme. Already during the past two years more than half a million cattle have been vaccinated. The team believes that if the process can be continued for three or four years more, rinderpest in Ethiopia will be completely eradicated.

Thanks to the United Nations, men like Dr. Konerup are able to devote their talents to benefit peoples all over the world.

## OLD FOLK'S FACTORY

The Atlas machinery factory in Denmark has established "senior workshops" for men who are over 70, and who do not wish to retire. They can work for four hours a day, earning wages at the standard rates which make a welcome addition to pensions.

Their workshops are bright and friendly, with club rooms attached; and there is also a small garden where old men who have stopped factory work altogether are welcome to do a bit of gardening.



For a life of colourful adventure, displaying qualities of bravery and leadership, it would be hard to equal that of Captain John Smith, soldier of fortune

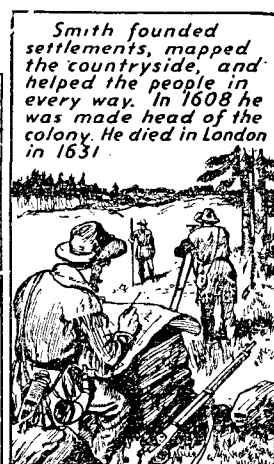
## Pioneers

60. Captain John Smith, coloniser of Virginia

He travelled the troubled lands of Europe until 1606, when he joined a party of emigrants leaving England to found the colony of Virginia



Captain Smith's exploits while trading with the Indians earned him wide respect, both as a soldier and as a just mediator between the natives and the colonists



Smith founded settlements, mapped the countryside, and helped the people in every way. In 1608 he was made head of the colony. He died in London in 1631

## WEALTH FROM THE WATERS OF CENTRAL AFRICA

Central Africa stands on the threshold of far-reaching changes, both political and physical, which may well give reality to one of Rhodes' dreams—the welding of the central territories into one all-embracing dominion.

Already attempts are being made to bring about a much closer political association between Southern and Northern Rhodesia and Nyasaland; but economically the interests of these three countries are the same and the development of any one of them benefits its neighbour.

Hydro-electric power, for example, can be generated in one country and be carried far and wide over neighbouring countries to enrich their industries and cheapen transport.

Two great schemes for harnessing water power in Central Africa are now under consideration—the damming of the Zambesi River at the Kariba Gorge in Southern Rhodesia, and a barrage across the Shiré River, where the waters of Lake Nyasa enter it on their journey to the sea.

Of these, the Kariba Gorge hydro-electric power and irrigation scheme is by far the most ambitious. Favourably situated near the junction of the Zambesi and Sanyati rivers on the borders of Southern and Northern Rhodesia, it would serve the needs both of the growing industrial areas

around Salisbury in the Southern Rhodesian midlands, and of the copper belt of Northern Rhodesia, centred on Broken Hill.

Five years ago the Central African Council set up a Commission to examine the possibilities of this idea, and their report has recently been published. The project would involve the damming of the rivers at the Gorge and the creation of a vast lake holding a

## TELLING THE WORLD ABOUT BRITAIN

The Turks are a proud and reserved people who do not bestow their confidence lightly, the British Council's Report tells us; and it is to the Council's credit that they have been able to foster in Turkey such an interest in Britain.

At present nearly 3000 Turks are being taught English, while the Council has brought many Turkish specialists to the United Kingdom, and in other ways improved cultural relations between the two countries.

The report reveals much more about the Council's work of telling the world about Britain. During the year 1950-51 the Council arranged study programmes for 3396 people from overseas, sent lecturers on British institutions and achievements to 54 countries, and sponsored drama and ballet tours abroad, and many other activities.

greater volume of water than that impounded by the celebrated Boulder Dam on the Colorado River in America.

The report proposes that the project should be carried out in two stages and be completed in eight years. The installation's total cost is estimated at £75,504,000 and its capacity at 1000 million watts. Eventually 5641 million units of electricity would be delivered annually at a cost of about 1½d. a unit.

Furthermore, over a million acres would be made fertile for sugar, rice, cotton, and other crops. Also, linked with the Kariba scheme is a plan for a new railway from Kafue to Sinoia to shorten by hundreds of miles the route to east coast ports for the mineral and agricultural produce of both Rhodesias.

Irrigation is the main purpose of the scheme to serve Nyasaland. A survey is now taking place to examine the possibilities of using Lake Nyasa as a reservoir. The proposal is to build a barrage where the Shiré River leaves the south end of Lake Nyasa. The control of these waters would prevent seasonal flooding and enable enormous areas of parched land to be irrigated. Hydro-electric power stations would also be built and so benefit Blantyre, Zomba, Limbe, and other towns in the south of the Protectorate.

## OUR SQUIRREL POPULATION

A great deal of fascinating information about the life of squirrels in Britain has been gathered by the Fauna Preservation Society and published in their journal.

It is generally known that the native red squirrel has decreased, while the grey species which came from America has increased. But it is thought that the scarcity of red squirrels may be due to human activities rather than to competition with his grey cousin.

For instance, the red squirrel prefers dense woods, and the felling of trees, especially conifers, is thought to have quickened the decrease. New forests now growing will probably lead to an increase in their number. On the other hand, grey squirrels prefer parkland to dense woodland.

Our native red squirrel is found in north and west Scotland, Wales, the north-west and extreme west of England, and East Anglia. The grey squirrel occupies roughly a rectangle reaching 120 miles north from Brighton and Portsmouth. In some other areas both species are found.

## THIS KIND WORLD

A small boy who lives at Volterra, in Tuscany, has received over 27,000 postcards this year—and they are still arriving.

It all began when Fabio Signorini's teacher asked the class to collect picture postcards of as many different places in Italy as possible. Poor Fabio explained that his father had been lost in the war and that his mother and grandfather, with whom he lived, never received any cards.

So the teacher wrote to the local newspaper about Fabio. Soon cards began to pour in from all over Italy, as well as from other countries as far away as America.

And with the postcards came sweets, books, money, and offers of future employment for Fabio Signorini.

## GREENMANTLE, JOHN BUCHAN'S FAMOUS THRILLER, TOLD IN PICTURES (3)



Dick knocked Stumm out and ran from the castle to the village; but he knew Stumm would soon recover and pursue him. However, he got a lift from a postman who happened to be the worse for drink.



The postman admired his coat, so Dick let him try it on. The silly fellow went into a cottage to show it off to his sweetheart. Dick put on the postman's coat and hat, and drove off in the old van by himself.



Soon he heard a car coming behind at speed. He drew to the right, but it stopped, and inside was Stumm—with his jaw in a sling. He thought Dick was the postman and asked where was the man who had been seen in his van? "He got out a mile back," replied Dick. The big car turned back, but Dick knew Stumm would soon find he had been tricked and would easily overtake the van; so he stopped at a flooded sandpit.



He got out, started the van, and let it dive into the water. Then he ran into the forest. Six miles on he slept in a hole under a tree. Next morning, venturing into a village shop, he said that he was a traveller who had lost his way; bought food, a razor, cape and hat, and set off again for the Danube. He hoped this would help him on his 1000-mile journey to Constantinople, where he was to meet his friends who were travelling by other routes.



Dick shaved off his beard and put on the cape and hat. He felt he was hotly pursued and, coming to a road, found it closely guarded by uniformed cyclists. Stumm had picketed the woods to cut him off!



Hidden by a sudden snowstorm, Dick dashed across the road. But now a bout of his old African fever was on him, and before long he was desperately ill; he could not go on, and he staggered to the door of a lonely cottage.

Who lives in this solitary hut in the woods? See next week's instalment



Another complete story by GARRY HOGG

# Mark Westaway's Diary



Here is another adventure from Mark Westaway's diary, in which he jots down some of the things that happen to him and his friends, Bob and Bryony.

"FUNNY that a burglar should take just one ring," Bob said. "There must have been heaps of other things as well for him to take."

"Probably he was disturbed before he'd finished," I said.

"Well," said Bry, "I don't see how he could get hold of even one ring, do you, Mark? After all, Miss Winstanley would be wearing it, wouldn't she?"

"I've heard of burglars clever enough to steal the milk out of a cup of tea while you're drinking it," I said.

We were sitting on a gate by the roadside talking about the burglary at Miss Winstanley's. She was an old lady who spent all day in a wheeled chair on her balcony. We often saw her up there, and sometimes she waved to us. When she did, her rings and bracelets and jewellery flashed in the sunshine.

"Look at those birds!" Bry said. Miss Winstanley's hobby was her bird-table. She would sit for hours watching the birds feeding and playing. Most of them, we could see, were small ones—tits, and cheeky little sparrows, and so on. Now and then a starling turned up with a lot of noise and frightened the smaller birds away.

"That's a magpie!" Bry said. "First I've seen for ages."

We watched the bright, long-tailed bird flying round in a rather clumsy fashion and then making off towards a big elm.

"I wonder—" Bry said. She looked up at Bob and me. "A magpie's a sort of jackdaw, you know."

"What about it?" Bob said.

"Well," she went on. "We did a poem at school last term, The Jackdaw of Rheims. He stole a ring."

For a minute Bob and I did not see what she was getting at. Then we did.

"You mean," I said, "it might have been a bird burglar, Bry?"

"Well," she said, "supposing one day Miss Winstanley decided to take off her jewellery and polish it. And supposing, when her back was turned, a magpie—"

"Bright Bry!" said Bob. "Let's take a look at that elm the magpie went to just now."

As soon as we reached it we realised we would need some rope; so we had to go home and fetch some. Twenty minutes later we were ready for the fray.

"It'll be a three-man job," Bob said. "Bry's the lightest—"

## 6. The Tale of the Feathered Burglar

"And the best climber!" she said promptly. "Remember that time—"

"All right," Bob said gruffly. "Never mind about that time. It's this time, this time." He coiled the rope carefully and slung it round my shoulders, rather to my surprise. "Now, Bry," he said. "You lead. Then Mark. Me last." He bent down against the base of the tree, braced himself with his hands on his knees, and I climbed on to his back. Then I helped Bry to climb up, too, so that Bob had both of us on his back. Good job he is tough!

"You all right, Bob?" I asked.

He only grunted his answer, but I supposed he was. Anyway, I worked round a bit till I could boost Bry up onto the branch

### BACK NEXT WEEK



above my head. As soon as she had got astride it she reached down for the rope and hauled that up, making a strong loop, first for me and then for Bob to use.

"Right-ho, Bob," I said, and Bry and I hauled him up with much puffing and panting till all three of us were astride the big bough, ready to consider the next step.

It was slow work. Stage by stage we shoved Bry ahead of us, waited till she had made fast the rope, and then shinned up to her level. There were masses of branches, of course, but the gaps between them took some scaling. The bark of an elm is rough, too, and before long we were scratched and smeared all over.

"Wish I was a magpie!" Bob grumbled when we were still not halfway up. The ground was now far below us, but the top of the tree still seemed miles away.

We would not tell her, of course, but there is no doubt Bry is wizard at climbing. She seems to find footholds and handholds where Bob and I cannot. And, of course, she has not the weight to carry that we have—specially Bob.

The branches got thinner, though, and easier to clasp. And the trunk became easier, too, after a bit. Bry was moving fast, and we

had a job to keep close behind her. In a tree Bry is like a monkey!

"I can see the nest plainly now," she called down to us. "Quite near!"

"Good thing, too!" Bob said, and I must say I agreed with him.

"I can nearly touch it!" she called down soon afterwards.

"Take your time!" Bob called back. "The tree's beginning to sway."

THE branches were much thinner now, and there were more of them. Perhaps it was as well they had so many leaves. We were now so high up that if we had been able to see the ground we might have gone giddy. Bob and me, I mean. I do not think Bry ever would.

"I'll need the rope now," she called down to us.

Bob and I had slowed down, and now we had to hurry all over again. I had got the rope, and Bry needed it. With Bob's weight the tree-top seemed to sway more than ever, and Bry called out to us to watch what we were doing. As if we needed to be told!

"That's better," she said when I had made a loop in the rope and put it round her and fed the loose end over a strong branch and passed it back to Bob to hold.

No one spoke. In the silence of the tree-top we watched Bry reaching over, hand outstretched, to the mass of twigs that made up the nest. Suddenly there was a whirl of wings and an angry squawk, and a bird flew out and away. Bry was taken by surprise, and for a horrible moment lost her grip and practically dangled on the rope, with only one hand and knee to steady her on the branch. It was a good job we had used that rope!

"It's here!" she called out, in an excited voice, and we saw her reach forward and put her hand into the nest. And a moment later she withdrew it; Bob and I could see something brilliant on her finger.

"Good old Bry!" said Bob.

"Here, Mark. You take care of it," said Bry, gingerly bending down and passing the ring to me. It was a lovely one, with flashing colours: diamonds round a huge emerald. To climb down the tree in charge of that ring was a terrific responsibility!

Because of our eagerness to get down to the bottom and report our find, that climb down seemed never-ending. I am sure it took ten times as long as the climb up. But then tree-climbing is like that. When you are going up you can see where to put your foot next; going down, your body is in the way.

"Take it easy!" Bob said when for the twentieth time I trod on his hand.

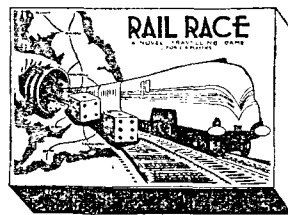
"Hi, easy does it!" I said, when for the twentieth time Bry trod on my hand. There was no one to tread on hers, of course, as she was coming down last!

STILL, we did get down, in the end, and with nothing worse than a few scraped elbows and knees. Every time we stopped on the way I felt in my pocket to make sure I had got the ring. It would have been too awful if during the climb the ring had fallen out and got lost! But it did not; and at last

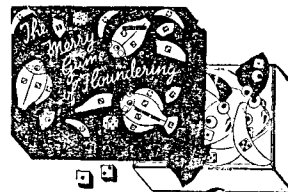
Continued on page 10



AND EVEN DAD WON'T BE ABLE TO RESIST THEM



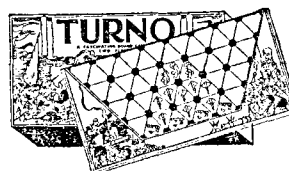
**RAIL RACE:** Travel over Britain's railways with miniature engines on large stout map. Plan your own winning routes and be thrilled by "incident cards." 2-6 players. For family and children's parties. **19/-**



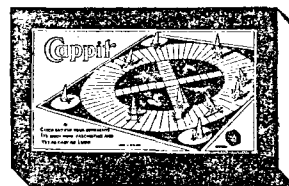
**FLOUNDERING:** A great party game. Players collect their flounders by a throw of the dice and rob opponents of their catches. No age limit, even children of five can join. Hilarious fun. **7/6**



**TELL ME:** The queen of quiz games. Spin the wheel and roll out the questions! Endless fun for any age. Any number of players, the very thing for your party. **7/6**



**TURNO:** An entirely new patented game of tactics for two players. As easy as draughts. Provides many hours of fascinating entertainment. **9/-**



**CAPPIT:** A game for 2-4 players, who try to "Catch and Cap" their opponents. As easy as ludo, but much more exciting. **9/-**

Obtainable from good toyshops and departmental stores.

If your dealer cannot supply, write for address of nearest stockist to:

**J. W. SPEAR & SONS LTD., Dept. C, Enfield, Middlesex**

<p><b>5/- DEPOSIT &amp; PAY OFF</b></p> <p><b>NEW U.S.A. UKELELE</b></p> <p>Play and be popular everywhere. Ideal for Camps, Parties, Holidays.</p> <p><b>WITH FREE SELF TUTOR</b> that teaches you to play in 1 hour. No musical knowledge required. <b>Not a Toy—Real Musical Instrument.</b> For all ages. Full size as used by professionals. Strong styrene material. Nylon strings. Mellow tone. Lovely to look at.</p> <p><b>22/6</b></p> <p>P. &amp; pkz 2/6 or C.O.D. 1/- extra.</p>	<p><b>BOY'S OR GIRL'S JUNIOR TYPEWRITER</b></p> <p>• 10 1/2 x 8 x 3 1/2" • Accurate spacing • Sturdy • Full size clear type • Bell stop • Automatic ribbon movement • Takes foolscap</p> <p>Post 2/6 or C.O.D. 1/- extra. <b>55/-</b></p> <p><b>REAL RADIO De Luxe CRYSTAL SET</b></p> <p>Without Earphones 29/- Including Earphones 39/-</p> <p><b>Real Radio Reception—Not a Toy!</b> Earphones are essential. Ideal for Bedrooms, Invalids, Private Listening, Radio-minded boys, etc. <b>No Electricity. No Batteries.</b> Works anywhere. 4 1/2 x 2 1/2 x 3 1/2. Plus 1/6 post and pkz. or C.O.D. 1/- extra. <b>20/-</b></p>	<p><b>33.3.3</b></p> <p><b>33.3.3</b></p>
---	---	---

Send 4d. stamp for Toy/Fram Catalogue. Cash refunded if not satisfied. Inspection Invited.

**MONTEPRO PRODUCTS (Dept. C.N.P.5), 623/7 Holloway Road, London, N.19. N. Archway Tube. ARChway 4426/7.**

**Nature Study**—a new and practical approach to the observation of animals and birds is encouraged by introducing children to

**DOG SPOTTING**

- The identification of each breed and recording when seen.
- Instructive outdoor activity.
- Encourages kindness to animals.

The first step to an intimate knowledge of animal life.

A leaflet has been prepared to enable observers to begin this absorbing occupation. Available free in bundles of 50 to teachers and youth leaders from

EDUCATION (J) DEPARTMENT  
**NATIONAL CANINE DEFENCE LEAGUE**  
8, Clifford Street, London, W.1. (30C)

**CUT OUT THIS ADVT.**

**AND HAND TO YOUR TEACHER WHO WILL ARRANGE FOR LEAFLETS TO BE SENT TO YOUR SCHOOL**



**FREE! STAMP of the YEAR**

**FIJI Is.** The first British Colonial Health Stamp issued in Fiji. This superb mint stamp **FREE** showing Fijian footballer to all requesting our famous discount Approvals and enclosing 3d. stamp. This will only be a short issue, do not delay—write to-day to:

**R. & E. WILLIAMS**  
(Dept. C.N.)

28 Farm Close, Ickenham, Middlesex

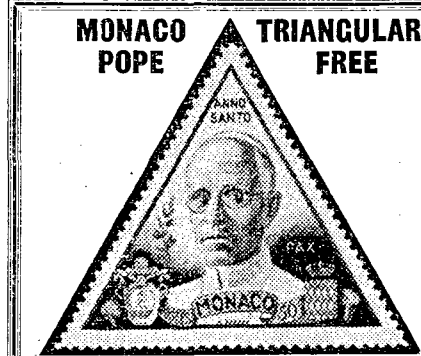
**NEW TONGA & NEW MONTERRAT FREE**

Large, unused and Free. Just ask to see our Amazing Bargain Approvals. Send 3d. for our postage and lists. You may join "THE CODE STAMP CLUB," Sub. 17. You receive Badge, Membership Card listing fine gifts and Approvals monthly. **WRIGHT'S STAMP SHOP, Dept. 39, CANTERBURY, Kent.**

**★ 4/6 FREE! ★****Canada Government Pictorial and 50 different Whole World—FREE!**

These stamps are catalogued at least 4/6, and will be sent to all collectors asking to see my Discount Approvals and enclosing 2½d. stamp for postage.

**K.V. FANTOZZI (Section CN),**  
Hillsdale, Marton, Whitegate, Winsford, Cheshire

**Grand Surprise Packet FREE! MAP, SHIP, TRIANGULAR AND AIR STAMPS**

The whole collection free to those requesting our famous Approvals and enclosing 2½d. for postage. Good discount, write today.

**L. E. THOMPSON**

2 WESTERN GARDENS, LONDON, W.5

**THE ROYAL VISIT**

When Princess Elizabeth last visited Canada, with the King and Queen and Princess Margaret, Canada issued a special set of stamps commemorating the event. This fine set, showing their Majesties, the two young Princesses, and the Canadian National War Memorial, is free to applicants for Approvals enclosing 2½d. postage. Mention C.N.

**R. D. Harrison, Roydon, Ware**

**ABSOLUTELY FREE.** If you ask to see a Selection of Windsor Stamps on Approval the Windsor Stamp Co. will send to YOU Absolutely Free this Large Triangular New Issue. It comes from MONACO on the Mediterranean coast and portrays Pope Pius XII, and was issued to commemorate the 1951 Holy Year. It is yours Absolutely Free. Just write for MONACO POPE TRIANGULAR FREE GIFT and ask to see a Selection of Windsor Stamps on Approval. Please enclose 2½d. stamp for postage to you. You are advised to write NOW.

**WINDSOR STAMP CO.,**  
(Dept. CN.) Uckfield, Sussex

**YUGOSLAVIA**

6 Mint Post-War stamps including ISTRIA Overprints and Bi-coloured charity stamps. Offered absolutely FREE to all requesting our High-discount Approvals enclosing 2½d. post.

**D. VEITCH & CO.,**

54-56 Blackett St., Newcastle-on Tyne, 1

**20 BRITISH COLONIAL & FOREIGN STAMPS**

Including Silver Wedding New Australia, high values of Montenegro catalogued 7/6 and new issues, free to those requesting my modern Approval book of stamps and enclosing 2½d. stamp. Enquiries welcomed from South Africa, Australia, New Zealand, West Indies. Enclose 6d. in stamps.

**C. J. CANNON,**

16 Goldsmid Road, Tonbridge, Kent, England.

**10 CANADA 10**

A UNIQUE FREE GIFT from this, the oldest British Dominion, including: issues of all reigns, pictorials, and the SCARCE CORONATION Stamp. All applicants for my famous DISCOUNT APPROVALS quoting ref. 5/5 will receive the above. 3d. postage, please.

**BERNARD E. SHERWOOD**

11-13 PHILIP ROAD, IPSWICH

British Colonial, Foreign Spacefillers, 15 a 1d. Pictorials, Commemoratives, Colonial, Foreign, 1d., 2d., 1d.

Postcard secures hundreds of Approvals.

**PILGRIM**

25 ALTON RD., WALLISDOWN, BOURNEMOUTH

**!!! KOREAN STAMP FREE !!!**

A FASCINATING UNUSED PICTORIAL STAMP (very highly catalogued), from the topical Republic of SOUTH KOREA, issued in 1949, will be sent **ABSOLUTELY FREE TO YOU**; just ask to SEE a selection of our stamps on Approval, and enclose 2½d. for postage. (You are under no obligation to purchase anything!). We will also send you our new FREE 10-page brochure and price lists. You will be the envy of all your friends with this SCARCE, ELUSIVE stamp from the war-ravaged country so much in the news to-day! **SPECIAL OFFER:—CATALOGUE, "Europe from 1940." 1949 edition of the "Collector's Catalogue of the Stamps of Europe from 1940," listing all European issues from 1940 to 1949. Fully detailed with all minor varieties; ideal for the specialist. 184 pages, 1744 illustrations, tens of thousands of prices. Size 5" x 7½". A really excellent catalogue of all these very popular stamps. Originally published at 3/6. SPECIAL REDUCED PRICE:—1/- (plus 4d. for postage). YOU MUST HAVE THIS!!!**

**PHILATELIC SERVICES (Dept. CN.63),**  
Eastrington, Goole, Yorks.

**SPORTS SHORTS**

**THE** British Amateur Athletic Board have announced 101 names as possible entrants for the 1952 Olympic Games at Helsinki. From their list of 79 men and 22 women, 60 athletes will be chosen for the British team after next year's A.A.A. championships.

**THIS** weekend is an important one in the swimming calendar, for the English Schools Championships are to be held on Friday and Saturday, at Blackpool. As many of the competitors are British and County junior champions more new records should be established.

**PETER** MAY, the tall young Cambridge, Surrey, and England batsman, has been awarded the title of Cricketer of the Year. During the season Peter scored 2339 runs, with an average of 68.79, and also joined the select band of batsmen who have scored a century in their first Test Match.

**THE** English native hammer record set up recently by Peter Allday, of the London A.C., broke a record that had remained unbeaten for 28 years. Peter's distance was 172 feet 11 inches, and it was achieved under floodlights.

**JEFF** TAYLOR, Huddersfield Town's centre-forward, is a busy young man. He is studying geology at London University, and in addition is a very fine baritone singer. On a recent Saturday afternoon he played football with his club at Liverpool, then dashed by car to Yorkshire to sing and play in Merrie England. He keeps his voice in good trim during term-time by practising with the London University choral society.

**OLLE** NYGREN, Swedish speedway rider, believes in hard work; he recently competed at nine meetings in ten days in five different countries. His seventh meeting was in his own country, and immediately it was over he boarded a plane for England to ride for Harringay at Wembley. He arrived only a few minutes before racing started, but won five of his six races—and then collapsed from sheer exhaustion. But he rode again the next night, before returning to Sweden.

**MARK WESTAWAY'S DIARY**

Continued from page 9

the moment came when we were all three standing in the shade of that colossal elm and Bob was coiling up the rope again.

"Here," I said to Bry. "You take it, now. It's your show, not mine!"

So we set off, black and scratched and with our clothes all ripped, not stopping to tidy up before we reached Miss Winstanley's house. Her maid was so excited when we showed her what we had found that she made us all come in, just as we were. Up the stairs we went, past masses of pictures of solemn-looking men in old-fashioned clothes, and out on to the balcony, where Miss Winstanley was feeding her bird-friends.

"Oh, Madam!" said her maid. "Look—"

**THE** South African Rugby Union team (the Springboks) will begin their four months' playing tour with a match against the South-Eastern Counties, at Bournemouth next Wednesday, October 10. They are to play two matches a week until their tour ends in February.

**SIX-YEAR-OLD** Roger Potter is the youngest boy ever to win a 25-yards swimming certificate in Hertfordshire. He is the son of Reg Potter, one of England's greatest water polo players, who skipped our team in the 1948 Olympics.

**WHILE** the West Indies cricketers are in Australia playing for the unofficial title of "world champions," back home in Trinidad the cricket authorities are making another effort to prepare a turf wicket for future Test Matches. Hitherto, all Tests at "the Oval" in Trinidad have been played on matting, all efforts to lay a turf wicket having failed.

**THREE** British cyclists recently returned to London after a 4000-mile tour which took them through Sweden and Lapland to the Arctic Circle. They rode on all kinds of roads—and often travelled hundreds of miles where there were no roads at all—to test new cycle equipment and tyres. The leader was Wally Summers, famous racing cyclist, and his companions were "Rik" Cockburn and Steve Smith, both from South London.

**TEN** of the Scottish women hockey players who are now touring the States last year visited South Africa with a British team. Two of the Scottish women are all-rounders, for Miss Margot Stewart is the holder of the West of Scotland tennis trophy, while Mrs. Mackay, also a well-known tennis player north of the Tweed, is also a badminton international.

**JACK** YOUNG, the Australian rider attached to Edinburgh Monarchs, who won the world's individual speedway championship at Wembley recently, is the first 2nd division rider ever to win the title.

Miss Winstanley raised her eyebrows when she saw us. I should think it was the first time anyone looking like us had been let loose on her balcony! But when she saw her beloved ring she just did not know what to say. And though Bry's face was as black as a chimney-sweep's (like Bob's and mine) she just took hold of her and kissed her.

And at that moment there was a whirl of wings and an angry squawk, and a magpie wheeled away from the balcony, heading for a distant elm tree. I have a pretty good idea I know why he was so angry, too!

A new serial story by Geoffrey Trease, telling of the adventures of *The Silver Gentleman*, begins next week. Make sure of your C.N. by placing an order with your newsagent.



THE REPLICA OF ASSOCIATION FOOTBALL

**NO DICE, BLOWING, CARDS OR BOARD** Played with 22 miniature men, ball and goals. All the thrills of real football! Dribbling, corner and penalty kicks, offside, goal saves, injuries, etc. Colours of all league clubs available. Send stamp for full details and Order Form to **P. A. ADOLPH, Dept. 17, The Lodge, Langton Green, Tunbridge Wells, Kent.**

**SIGNALLING OUTFIT**

Complete with Lamp, Stand, Morse Key, spare filters, etc., in metal case 8½" x 6½" x 8". Easily converted into Spot Lamp, etc. Supplied separately, spare bulbs 1/3 each. Batteries 9d. extra. Post & pack. 9d.

Write for Free List. **13/6**

(Dept. C.N.)

**Claude Rye LTD.** Worth double Post 2/-

895-921 Fulham Road, London, S.W.6.

**HORSEMAN PKT. FREE**

Interesting hand some stamps and absolutely FREE. Large pictorial GOLD COAST CONSTABULARY as illustrated, George V mounted on AN-ZAC JUBILEE (scarce), two prancing horses of NETHERLANDS, GREEK galloping horseman, included also are Masaryk of Czechoslovakia, OSTEND-DOVER Centenary, German inflation, obsolete Japanese war stamp together with the pictorial PAN PACIFIC JAMBOREE. Post early to save disappointment, send 3d. postage and request Approvals and illustrated price list of albums and sets.

**LISBURN & TOWNSEND LTD.**

(CN), WEST KIRBY, WIRRAL.

**GOOD · HONEST · GIFT**

A Beautiful Set, missing from most Collections (Cat. value 6/4). Absolutely Free to stamp collectors asking for Approvals, postage 2½d.

Colonial inquiries welcomed

**A. GEORGE, 5 Quineys Road, STRATFORD-ON-AVON.**

These are really Smashing!

**TRINIDAD & TOBAGO CORONATION**

Twelve British Empire stamps, including the Coronation issue of Trinidad and Tobago, and many pictorials and commemoratives will be sent FREE to all applicants for APPROVALS who enclose 2½d. postage. Write NOW to:

**LESLIE KENNEDY (CN 6),**  
206 Ashby Road, Burton-on-Trent

**COLLECT CARDS—AND SEE THE WORLD**

**THE ELECTION IS COMING!** Know all about it! Set of M.P.s only 1/8. Sent to arrive at your address on ELECTION DAY! Catalogue of 1,300 sets ... 8d. 100 CLEAN cards 2/6; 100 SOILED cards 2/- Set of Hobbies just issued 1/3; Set of Ships 1/3; Pirates set 1/6; Set of Airmen 1/6; Flowers set 1/6; Coronation set 1/9; Dogs set 1/9. Albums 1/- Two different sets 2/6; 4-4/6. POSTAGE STRICTLY EXTRA.

**ARTHUR CRAVEN—The Hobby Dealers—**

50 Eden Avenue, Wakefield.

**SUPER MAGNIFYING GLASS**

**FREE!!!**

Also PERFORATION GAUGE and WATERMARK DETECTOR to ALL applicants for my Approvals.

Send 3d. stamp, please.

**R. POWELL,**

89 Craigdale Rd., ROMFORD, ESSEX



**FREE!** This magnificent stamp from France (the LINER PASTEUR) together with ships from CHILI and CHINA to all asking for Approvals and enclosing 2½d. stamp for postage.

**BERKELEY STAMP CO. (C.N.),**

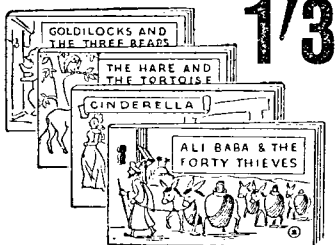
NEWTON, WEST KIRBY, CHESHIRE.



## BOOKS THAT MAKE MOVING PICTURES



See some of the Forty Thieves pop out of their jars! Watch the Three Bears taking their porridge! Dress Cinderella, and race the Hare and the Tortoise from the leg of a chair. Here are 4 old favourites with a new idea. The characters come to life in full colour, without gluing, and make fascinating toys that leave the story book intact. Goldilocks and the Three Bears: The Hare and the Tortoise: Cinderella: Ali Baba and the Forty Thieves. Each 1/3 from Booksellers, Newsagents, etc., or if in difficulty, 1 for 1/6, 2 for 2/9, 3 for 4/-, 4 for 5/4; post free from address below.



## MEDALLION PRESS LTD

(Dept. E4) 5 Dowgate Hill, London E.C.4  
Tel.: GENtral 5329

**KILTS** Real Hand Tailored Kilts in Scottish Clau Tartans, for Boys and Girls, Men and Women. Made to order only. Send stamped, addressed envelope and state height, if for adult, and age and height, if for children. Also what shade of tartan favoured. This is last advert for delivery before Xmas and New Year.

**J. MACDAVID & SON**  
KILT MAKERS, CREETOWN, SCOTLAND

## THE AQUA COIN VANISH!!

A Wonderful Vanish of a Penny in a glass of Water—and a pinch of Salt!

Price 1/- post free, from:

**BCM/TRICKS,**  
45 Royal College St., London, N.W.1

## CHEMISTRY

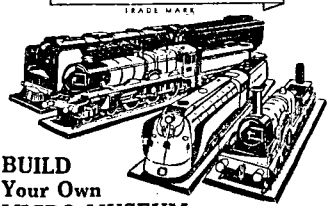
Wide range of apparatus and Laboratory Equipment.

Call or write for PRICE LIST (Id.)

**A. N. BECK & SONS**  
(Dept. CN),

60 Stoke Newington High Street,  
London, N.16

## Micromodels



**BUILD Your Own MICRO-MUSEUM**

MICROMODEL making is a serious hobby enjoyed by amateur craftsmen of all ages in all parts of the world. Each model entails hours of engrossing and pleasurable concentration in constructing these three-dimensional volumetric models of authentic realism. Cost pence but sell for pounds. Locos; Famous and Historic Buildings; Old Gallies; Warships; Engineering Subjects, etc., etc.

Send 21d. stamp for illustrated Descriptive Folder of 100 Models.  
**MICROMODELS LTD.**

No. 3 (N) Racquet Court,  
Fleet Street, London, E.C.4.

## THE GOLDEN CITY OF BENDIGO

Bendigo, one of Australia's most beautiful cities, is holding "Back to Bendigo" celebrations this month as part of the city's centenary festivities. For it was in the autumn of 1851 that gold was discovered in this part of Victoria, and the first town of tents sprang into existence in a matter of a few weeks.

A hundred years ago it was just a sheep-run when gold was found and a wild stampede started, first from neighbouring regions and then from Britain, Europe, and China.

Among the British gold-seekers were many graduates of Sandhurst, and these gave the new town its first name, Sandhurst. It is thought to have derived its later name of Bendigo from a famous prize-fighter.

Fortunes were made rapidly. One digger sank a shallow shaft and within two or three hours had taken over 15 lbs. of pure gold. By 1862, however, gold was not so easily found near the surface, and the digger's spade and pan gave way to the deep shaft driven into

the quartz reefs. Some 3000 gold mines have been worked at one time or another in Bendigo's history, and gold worth about £100,000,000 has been extracted.

The treasure gradually became harder to get, even from the depths, but the energetic Bendigonians turned readily to other enterprises.

Farmers from the surrounding districts brought their produce into the town to sell, factories were built. Among them today is the biggest ordnance factory of its kind in Australia. Bendigo also started a great tomato growing and canning industry, and sends cases all over the world.

The pioneers were indeed far-seeing people, for they planted 200 miles of trees along the roadways and laid out parks and gardens which have made Bendigo a city of beauty.

Today there are only four gold mines operating, but there are many small holdings, for there are still optimists who say there is as much gold waiting to be mined as ever came out of the earth.

## BUNYAN'S BIRTHPLACE

The site of John Bunyan's birthplace at Elstow, Bedfordshire, is to be marked by a granite stone.

Although the cottage is no longer there the field in which it stood is still known as "Bunyan's End."

The idea of marking and preserving the site of the birthplace was put forward by Bunyan Meeting, the church in Bedford where Bunyan was minister. Permission for the making of a footpath to the memorial has been given by local farmers.

## MORE MAORIS

The Maori people of New Zealand are increasing in numbers since they adopted European ways of living.

The census taken in New Zealand this year showed that there were 113,000 Maoris, compared with only 40,000 in 1896. At the same rate of progress there may be half-a-million Maoris by the year 2000.

More than half the Maori population is under 20 years of age; all speak and write English well.

## STAMP NEWS

**PAKISTAN** has a new set commemorating her fourth year of independence.

**GERMANY** has produced two stamps to mark the National Stamp Exhibition held in Wuppertal last month.

**NEW** definitive stamps have been ordered for St. Kitts-Nevis. They will bear the territory's new name: St. Christopher, Nevis, and Anguilla.

**THE** memory of Christopher Polhem, Swedish watchmaker and inventor who died in 1751, is honoured by two new stamps issued in Sweden.

**THE** International Cycling Championship of the World is the subject of a new Italian stamp.

## TOY TOKENS

There should be a hearty welcome from present-givers for the new Toy Tokens; they solve many problems, including the choosing of the right toy and the packing of the fragile or awkwardly-shaped ones.

The toy-token scheme, worked on the same lines as the well-known book-tokens, is being operated by the National Association of Toy Retailers. The tokens, brightly coloured, can be obtained from any shop in the scheme, and they can be exchanged at almost any toyshop, for those that are not members of the association may either sell the tokens or exchange them for toys.

The values of the tokens are 2s. 6d., 5s., 10s., and £1. There is an extra charge of 6d., and this includes an attractively-printed cover and envelope. A token can also be used in part payment for a toy.

## RADIO WON BY IRISH READER!

The Radio offered as First Prize in our Cross-Figure Competition has been awarded to:

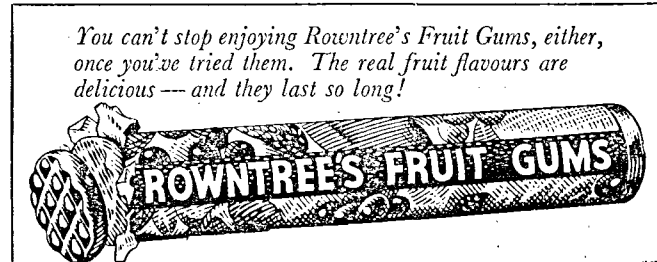
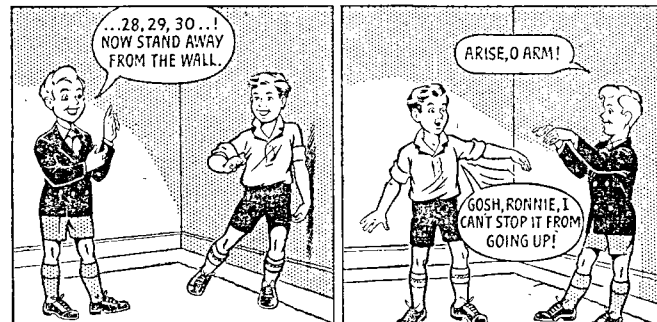
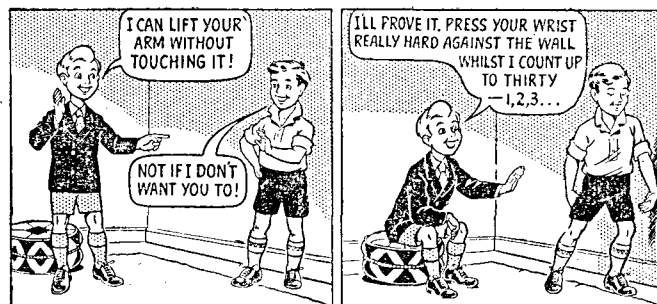
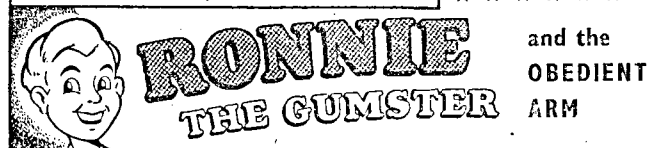
Neil Glass,  
26 Albertville Drive,  
Belfast.

The 10 ten-shilling notes have been awarded to the following, whose entries were adjudged next in order of merit:

Susan Bourne, Purley; Shona Campbell, Bellshill; John Carr, Morden; Joyce Jones, Birmingham; David Midgley, Blackpool; Colin Pemberton, Grappenhall; Anne Ross, Ballymoney; I. Russell, Airdrie; Angela Smart, Newbold-on-Stour; Jean Thompson, Oldham.

**SOLUTION:** (Across) 1, 1951. 4, 1851. 7, 60. 8, 224. 10, 22. 11, 13579. 13, 639. 15, 912. 17, 880. 18, 999. 19, 108. 21, 904. 23, 87654. 27, 16. 29, 101. 30, 24. 31, 3600. 32, 1760. (Down) 1, 1666. 2, 90. 3, 123. 4, 147. 5, 52. 6, 1212. 9, 250. 11, 19888. 12, 99994. 14, 380. 16, 190. 19, 1913. 20, 360. 22, 4840. 24, 710. 25, 511. 28, 66. 30, 26.

## TRICK TIME for Rowntree's Gumsters



You can't stop enjoying Rowntree's Fruit Gums, either, once you've tried them. The real fruit flavours are delicious—and they last so long!



**REAL MOVIE PROJECTOR**  
with 3 Films  
Trip-to-the-Moon etc.  
INC POST

NOT TO BE CONFUSED with Magic Lanterns, works off dry battery. Youngsters can give own film shows. Titles: TRIP-TO-THE-MOON, THE CIRCUS and A COMEDY CARTOON. ALL FOR 10/-, inc. bulb and 3 films. 6 extra titles 1/3 each. WHITE PLASTIC SCREEN, 5/-.

Binoculars, Clothing, Xmas Toys, etc. Terms. FREE LIST.

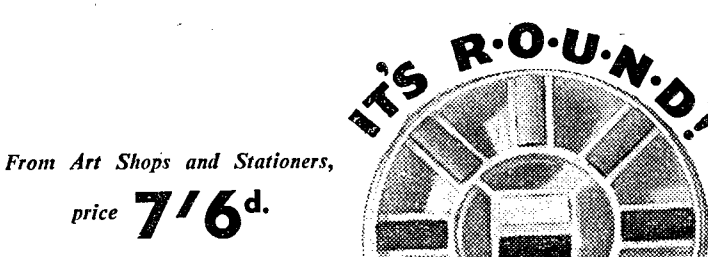
HEADQUARTER & GENERAL SUPPLIES, LTD. (Dept. CN4), 196-200 Coldharbour Lane, Loughborough Junc., London, S.E.5. Open all Sat. Closed 1 p.m. Wed.



**Become a Western Star!**  
**COWBOY OUTFIT**  
COWGIRL OUTFIT  
SHINING METAL SHERIFFS  
BADGE FREE 29/- POST ETC.

DON'T BE AN ORDINARY HOMBRE. This is a two tone Suedette Leather grained Cowboy Sheriff's outfit consisting of trousers, chaps, hat, cuffs, holster, neckerchief, spurs, lariat, or COMPLETE COWGIRL OUTFIT. Attractively metalled. Get this outfit and be the best and highest rank in your district. REDSKIN HEAD and FEATHER DRESS 2/11. Post 7d. CUB PROOFED PYRAMID TENT 17/6. Post 1/- Sets attractively boxed.

## A DIFFERENT WATER COLOUR BOX



Winsor & Newton's ROUND Scholastic Water Colour Box is something NEW for boys and girls! Made in ivory tone plastic, the attractively moulded top screws on and off with a mere half turn. The Scholastic Water Colours (Ostwald na Circle) are in ten moist tablets and the special design of the box offers large and small wells for colour mixing. Remember: it is made by Winsor & Newton, who have been producing the finest artists' colours and materials for nearly 120 years.



**WINSOR & NEWTON LTD.**  
Wealdstone, Harrow, Middlesex  
Also at New York, U.S.A., and Sydney, N.S.W.



## THE BRAN TUB

### OBVIOUS

A YOUNG lady went into a fur shop and asked the assistant for a muff.

"Certainly, madam," replied the assistant. "What fur?"

The young lady looked surprised for a moment. "Why, to keep my hands warm, of course," she said.

### Riddle in Rhyme

I AM a home for quadrupeds,  
Behead me and I've legs and style.  
Behead again, and then reverse,  
You'll find I am a lonely isle.

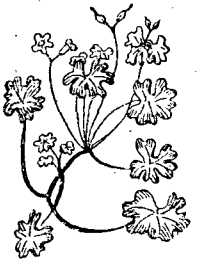
Answer next week

### COUNTRYSIDE FLOWERS

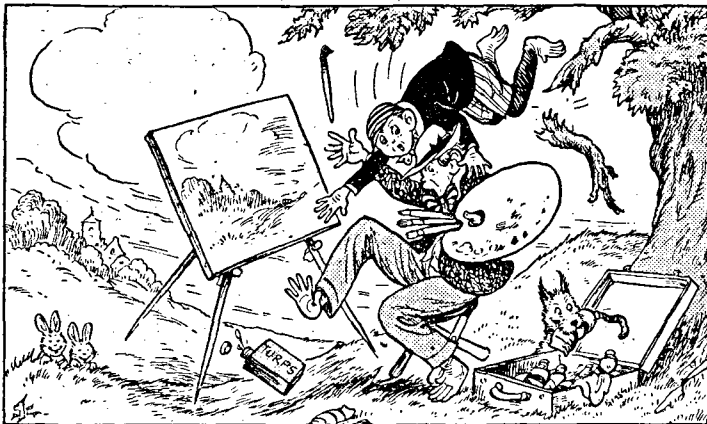
ON old walls or stony places, the little Shining Crane's-bill may be found.

Its rose-coloured, five-petalled flowers measure about three-eighths of an inch across. The smooth, glossy leaves are nearly round and are deeply lobed. Like

the stems, which grow from six to eight inches long, they are tinged with red. Shining Crane's-bill belongs to the Geranium family.



## JACKO STUDIES THE ARTS



Always a lover of the arts, Jacko was most hurt when the artist refused to let him watch. "Frightened I'd criticise," mumbled Jacko, making himself scarce. But he did want to see the artist at work, and he quietly climbed the tree behind the artist's back. He saw all right—at very close range. The branch broke and down he came right on top of the artist. Bouncer took advantage of the confusion to sample the tubes of paint!

### Be(e) Careful

SAID a foolish young fellow named Bings.

"These aren't wasps, I can tell by their wings."

Then he gave a loud shout,  
For he'd quickly found out,  
That whatever they were, they had stings.

### THE BRIGHT SIDE

WAITER, these are very small oysters."

"Yes, sir."

"And they don't appear to be very fresh."

"Then it's lucky they are small, isn't it, sir?"

### Slowcoaches

A RAILWAY official opened a letter. "A farmer is going to sue us on account of his cows," he remarked.

"Has one of our trains killed some cattle?" asked his companion.

"No; he claims that our trains go so slow that passengers lean out and milk the cows as they go by."

### OLD CROCKS OF GOLD



No Irish child needs to be told  
That leprechauns have crocks of gold,  
I think it must be grand, don't you?  
I wish I knew of one or two.

### CHAIN QUIZ

Each solution is linked to the next, the last two letters of the first answer being the first two of the second, and so on.

1. Second largest city in the U.S.A.; headquarters of the American grain and meat industries; its name is said to come from Indian words meaning "wild onion place."

2. Huge desert in Central Asia; the Venetian traveller Marco Polo (1254-1324) crossed it, but it is still not fully explored.

3. Biggest city in the Midlands, and a centre of engineering and small metal industries.

4. Race of fighting women in Greek mythology; they are said to have fought for Troy in the Trojan War.

Answer next week

## Crossword Puzzle

READING ACROSS: 1 Pole to support sails. 4 Article. 7 Old measure of length. 8 Employ. 9 Plants with bitter juice. 11 Circuit. 13 Sly expression. 14 Mountains. 15 Bag-like cavity. 16 Lake. 18 Horizontal bar. 21 Fuss. 22 From here. 23 Insect. 25 Negative adverb. 26 Act. 27 Feline pets.

READING DOWN: 1. Edible part of grain. 2 Affirmed. 3 Fruit of the blackthorn. 4 Exists. 5 Relate. 6 Charts. 8 My friend and me. 10 Old form of Irish. 12 Fruit. 14. Measure of land. 16 Girl. 17 Gown. 19 Indian coin. 20 Allows. 22 Pronoun. 24 Editor (abbrev.).

Answer next week

### Not used to it

THE golfer had lost his ball, and was angry with his caddie.

"Why didn't you watch where it went?" he demanded.

"Well, sir," said the caddie, "your ball doesn't usually go anywhere, and so I was quite unprepared."

### FARMER GRAY EXPLAINS

BLACKTHORN. In the hedge-row the blackthorn branches were laden with bluish-black fruit.

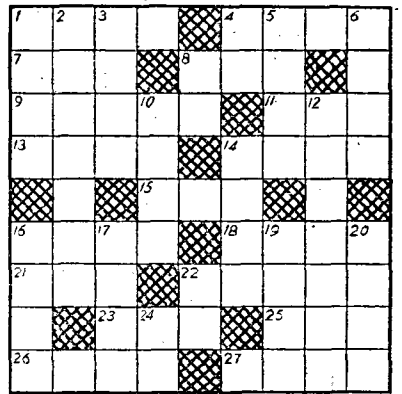
"What a lot of bloom there is on the sloes," remarked Don to Farmer Gray.

"Yes; that protects them against fungus attack," replied the farmer.

"Something has been eating the leaves," said Ann.

"Caterpillars of the Figure of Eight moth, probably," the farmer commented. "If you hunt among the grass and dead twigs beneath the bushes, you will very likely find a number of cocoons containing chrysalises. The moths emerge during October or November."

The Children's Newspaper, October 6, 1951



### ENIGMA

My first half tells, in short, of one  
Who's well advanced in army rank.

My second half a pronoun is.  
My whole is that for which we thank

Our Maker: rich and varied hues,  
That every seeing eye pursues.

Answer next week

### Only way to stop him

"HALT!" roared the sergeant to the batch of new Army cadets. But one marched on.

"Jones," said the sergeant when he had got the lad to stop; "what do you do in civilian life?"

"I drive a horse," said Jones.

The squad marched off again, and then the sergeant bellowed: "Squad, halt! Jones, whoa!"

### LAST WEEK'S ANSWERS

Club-words  
Newcastle, Aldershot, Barrow, Motherwell, Millwall, Everton  
September Thirds  
Elizabeth, Leicester, Grenville, Richelieu, Montaigne, Huskisson  
Riddle in Rhyme  
Acorn (A corn)  
Chain Quiz  
Trinidad, Adam, Amethyst, Stravinsky

## BEDTIME CORNER

### Tiny's big adventure

TINY had been the last of Mrs. Goldcrest's brood to hatch in that hanging nest of spiders' webs and moss. He was named Tiny by the other six because for some reason he just did not grow very much.

And as Goldcrests are the smallest British birds anyhow, Tiny was very small indeed.

Like many other Goldcrests whose parents preferred to go across the northern seas to build their nests, Tiny and the others had been brought up on a Norwegian mountainside. And it had been fun there among the firs, with many insects to feed upon.

But now the frosts had come, killing off many of the insects, and the first chill flakes of snow were feeling their way down through the forest trees.

"It's cold! And I'm hungry, too!" cried Tiny shrilly.

"So are we all," answered his mother. "We must return to England at once for the winter." But secretly she was

worried lest Tiny could not manage so big an adventure.

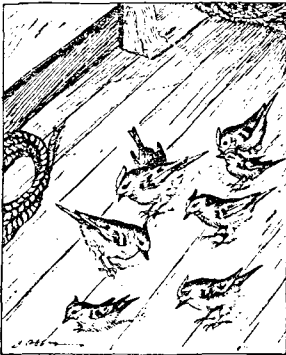
However, the whole family set off. And, flying close to the waves, one hundred, two hundred, three hundred miles they travelled with never a sight of land. Then Tiny began to falter.

Each little swoop above the surging waves was lower than the last. "I can't go much farther!" he gasped.

Anxiously Mrs. Goldcrest scanned the horizon for help. And with joy she saw smoke rising not far distant. "Keep close to me," she urged.

In a few moments she had guided all the family onto the deck of an English fishing trawler. And here they stayed for many hours, hunting flies. Then, rested and strengthened, they rose, circled the ship, and flew off.

And soon they reached the English countryside with its insect-haunted hedgerows golden in the warm October sun. JANE THORNICROFT



### OVALTINE TABLETS

—for eating—

Never go far from home, walking or cycling, without a supply of 'Ovaltine' Tablets. They possess the sustaining and energizing qualities of 'Ovaltine', and are widely popular with athletes, cyclists and travellers.

In two sizes: 8d. and 1/3.

IT is so much easier to be successful in games and in school work if you are healthy, strong and vigorous. To ensure such fitness you will find it a great help to drink 'Ovaltine' every day. This delicious food beverage is prepared from Nature's finest foods and provides the nourishment required to assist in building up body, brain and nerves and abundant energy. The special properties of 'Ovaltine' are recognized by leading trainers who make it a regular item of the training diet for players and athletes in their charge. 'Ovaltine' has also played an important part in many outstanding feats of endurance.

Drink **OVALTINE**  
FOR HEALTH, STRENGTH AND VITALITY